

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111518\
 Data File : VX006024.D
 Acq On : 15 Nov 2018 17:07
 Operator : JC/MD
 Sample : J5860-16MEDL 10X
 Misc : 6.03g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-106(2-4)MEDL

Quant Time: Nov 16 00:18:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	131760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	191574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	179663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	96453	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	76783	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	5.50	113	60217	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
50) Toluene-d8	8.71	98	238261	55.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.00%	
62) 4-Bromofluorobenzene	11.14	95	90548	58.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.28%	

Target Compounds						Qvalue
5) Bromomethane	1.64	94	404	0.422	ug/l #	70
8) Diethyl Ether	2.18	74	176	0.216	ug/l	93
11) Tert butyl alcohol	3.02	59	859	1.980	ug/l #	72
13) Acrolein	2.29	56	20	19.253	ug/l #	14
16) Acetone	2.45	43	1173	1.438	ug/l	98
18) Methyl Acetate	2.78	43	2204	Below Cal		98
20) Methylene Chloride	2.85	84	616	0.460	ug/l #	90
25) 2-Butanone	4.71	43	1498	1.168	ug/l	98
28) Bromochloromethane	5.21	49	275	0.253	ug/l #	15
30) Chloroform	5.21	83	3985	1.699	ug/l	96
36) 1,1-Dichloropropene	5.65	75	9275	5.022	ug/l #	49
37) Ethyl Acetate	4.87	43	756	0.311	ug/l #	69
38) Carbon Tetrachloride	5.66	117	12150	6.572	ug/l #	16
39) Methylcyclohexane	7.46	83	1514	0.809	ug/l #	88
40) Benzene	6.14	78	1699	0.316	ug/l	97
43) Isopropyl Acetate	6.34	43	1206	0.343	ug/l #	63
47) Bromodichloromethane	7.90	83	531	0.343	ug/l #	95
51) 4-Methyl-2-Pentanone	8.68	43	1036	0.467	ug/l #	38
52) Toluene	8.79	92	8588	2.854	ug/l	100
55) 1,1,2-Trichloroethane	9.16	97	750	0.559	ug/l #	20
56) Ethyl methacrylate	9.16	69	475	0.237	ug/l #	82
67) Ethyl Benzene	10.25	91	14309	2.479	ug/l	98
68) m/p-Xylenes	10.36	106	10517	4.777	ug/l	97
69) o-Xylene	10.70	106	4625	2.343	ug/l	95
70) Styrene	10.71	104	868	0.267	ug/l #	6
73) Isopropylbenzene	11.02	105	4863	0.872	ug/l	93
74) N-amyl acetate	10.91	43	11263	4.760	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	6294	3.074	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	43825	22.314	ug/l #	38
78) n-propylbenzene	11.36	91	21229	3.229	ug/l	99
79) 2-Chlorotoluene	11.43	91	7648	1.925	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.51	105	28223	5.954	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	43825	71.119	ug/l #	10
82) 4-Chlorotoluene	11.77	91	1270	0.271	ug/l	95

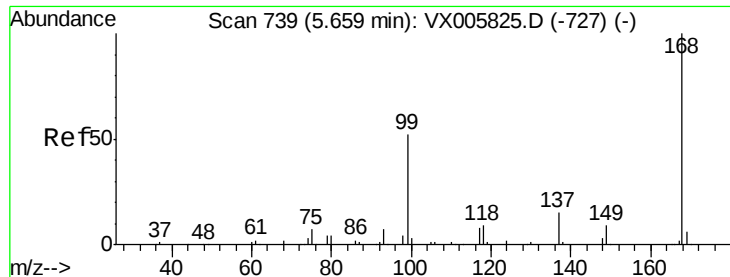
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111518\
Data File : VX006024.D
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EP2-SB-106(2-4)MEDL

Quant Time: Nov 16 00:18:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.77	119	1516	0.316	ug/l	77
84) 1,2,4-Trimethylbenzene	11.80	105	131897	25.155	ug/l	99
85) sec-Butylbenzene	11.94	105	11705	1.996	ug/l	99
86) p-Isopropyltoluene	12.07	119	17408	3.351	ug/l	100
89) n-Butylbenzene	12.38	91	28636	5.949	ug/l #	35
90) Hexachloroethane	12.58	117	4688	5.406	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	705	1.411	ug/l #	1
95) Naphthalene	13.83	128	64984	10.322	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

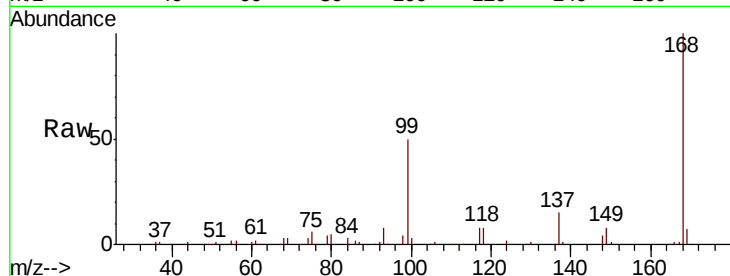
EP2-SB-106(2-4)MEDL

Tot Ion:168 Resp: 131760

Ion Ratio Lower Upper

168 100

99 50.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

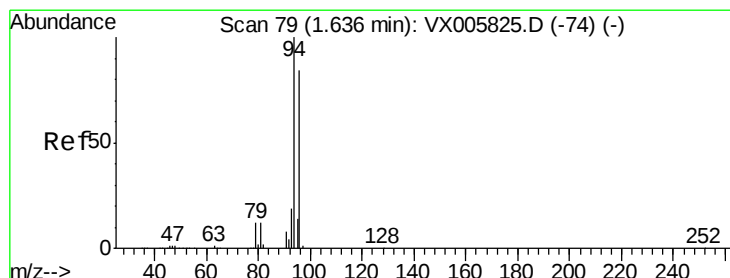
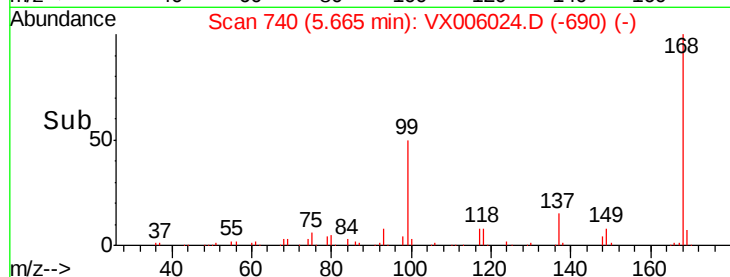
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.422 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006024.D

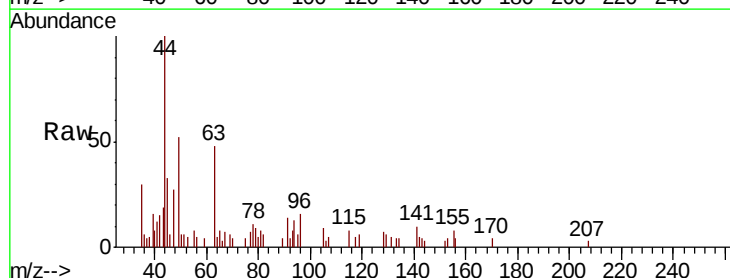
Acq: 15 Nov 2018 17:07

Tgt Ion: 94 Resp: 404

Ion Ratio Lower Upper

94 100

96 122.8 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

250

200

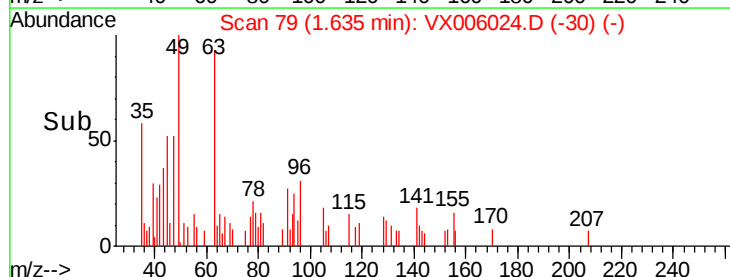
150

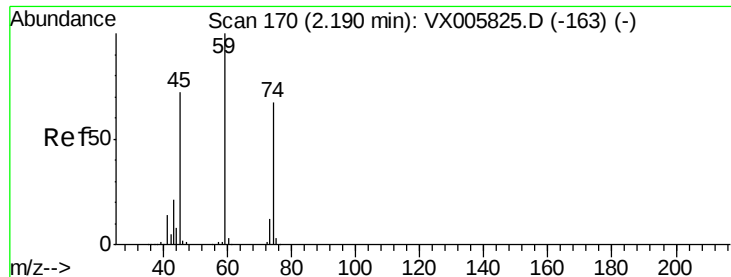
100

50

0

Time--> 1.60 1.65 1.70





#8

Diethyl Ether

Concen: 0.216 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

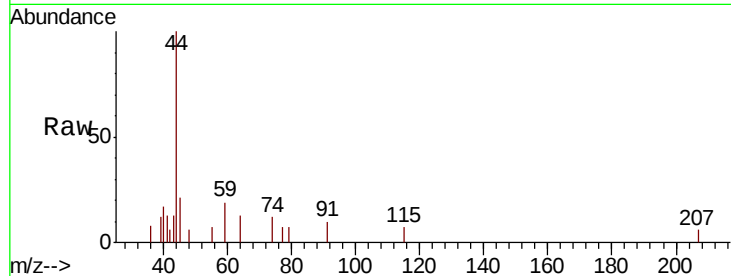
EP2-SB-106(2-4)MEDL

Tot Ion: 74 Resp: 176

Ion Ratio Lower Upper

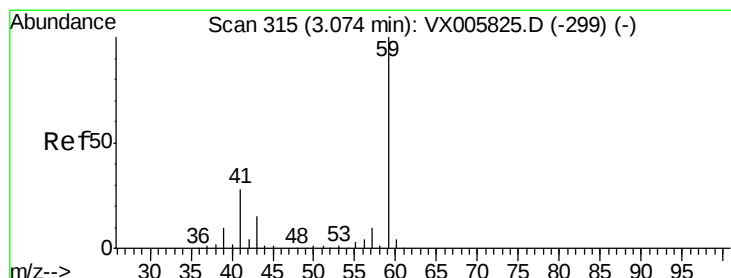
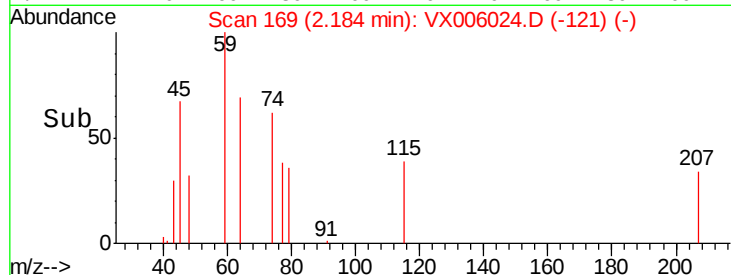
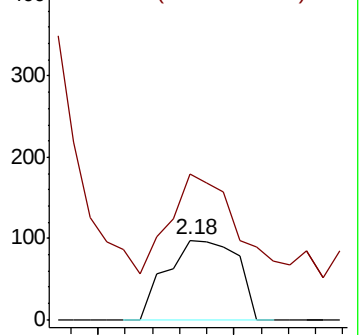
74 100

45 115.9 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#11

Tert butyl alcohol

Concen: 1.980 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX006024.D

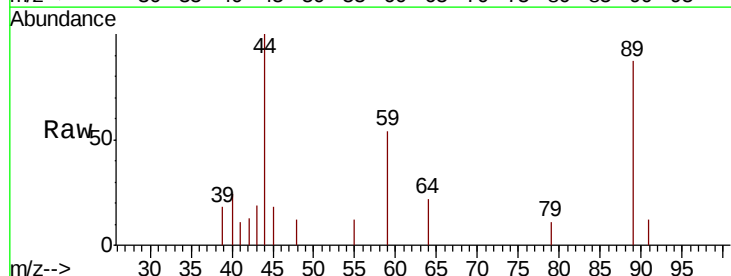
Acq: 15 Nov 2018 17:07

Tgt Ion: 59 Resp: 859

Ion Ratio Lower Upper

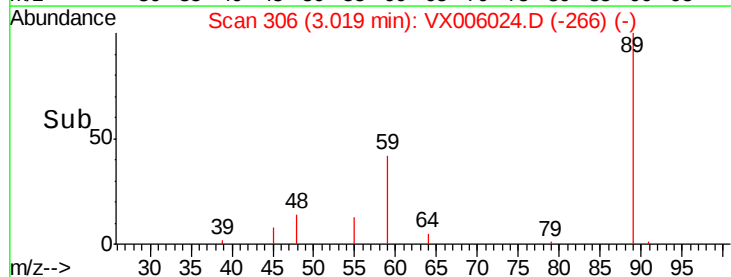
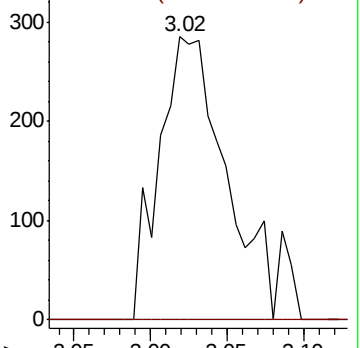
59 100

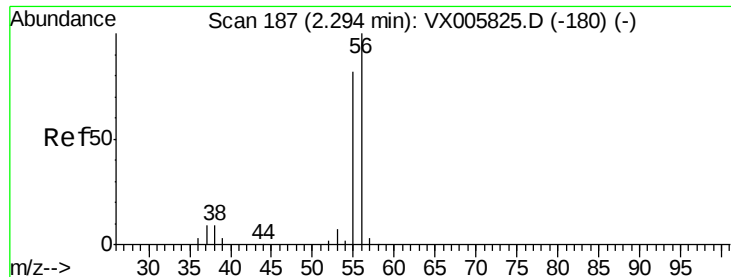
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 19.253 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

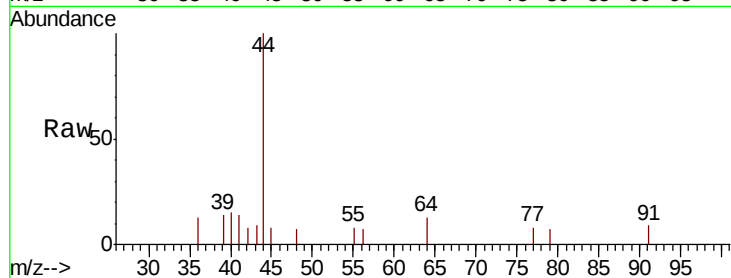
EP2-SB-106(2-4)MEDL

Tot Ion: 56 Resp: 20

Ion Ratio Lower Upper

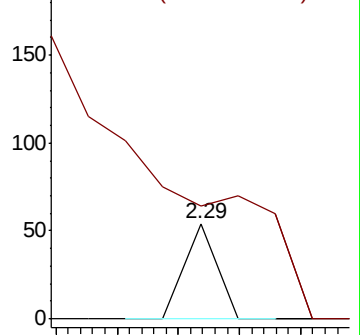
56 100

55 0.0 57.3 85.9#

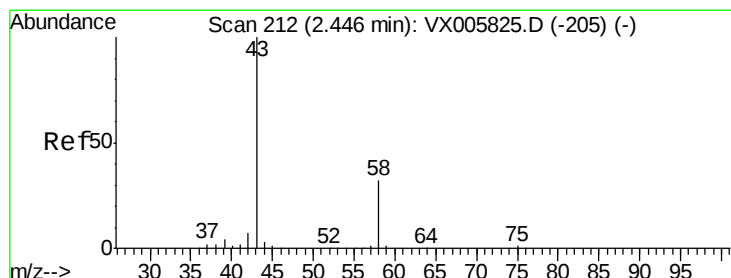
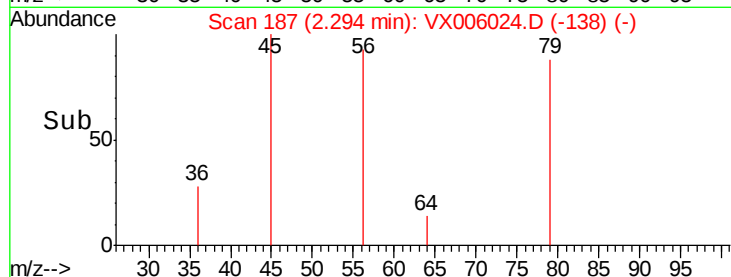


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 1.438 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006024.D

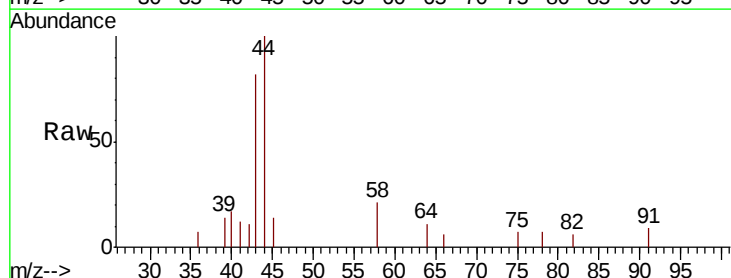
Acq: 15 Nov 2018 17:07

Tgt Ion: 43 Resp: 1173

Ion Ratio Lower Upper

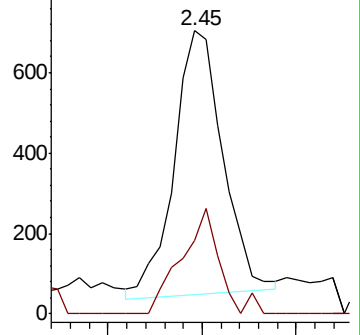
43 100

58 28.5 23.8 35.6

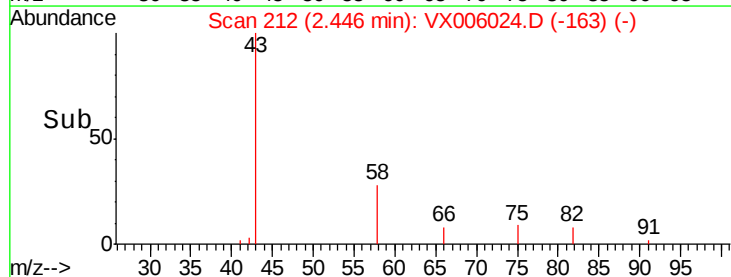


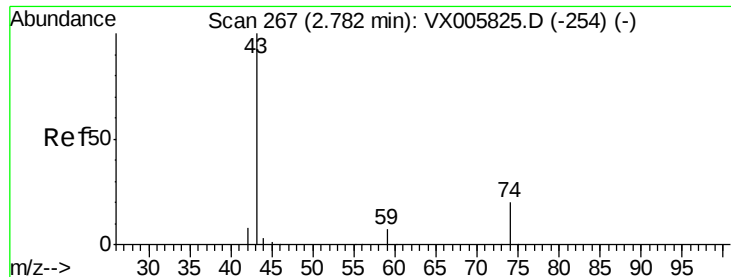
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

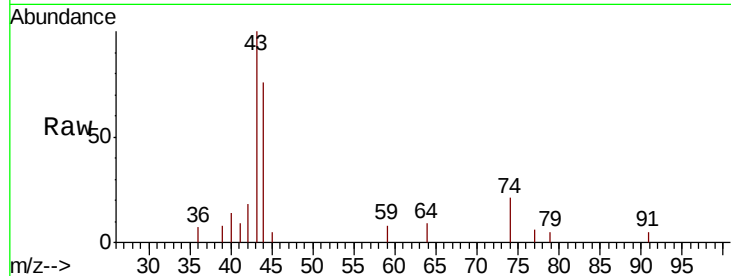
EP2-SB-106(2-4)MEDL

Tot Ion: 43 Resp: 2204

Ion Ratio Lower Upper

43 100

74 20.0 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

1200

1000

800

600

400

200

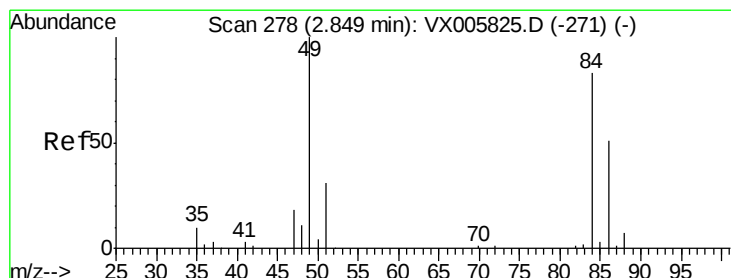
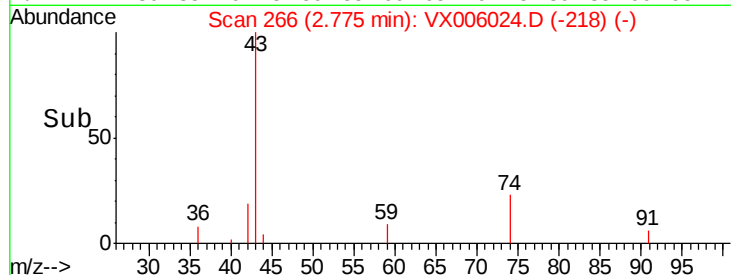
0

2.75

2.80

2.85

Time-->



#20

Methylene Chloride

Concen: 0.460 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Tgt Ion: 84 Resp: 616

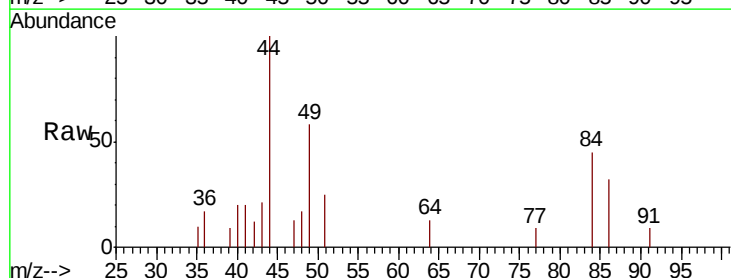
Ion Ratio Lower Upper

84 100

49 128.2 109.5 164.3

51 55.4 33.3 49.9#

86 71.2 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

600

400

200

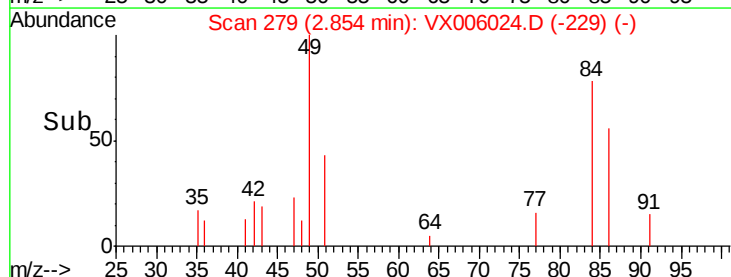
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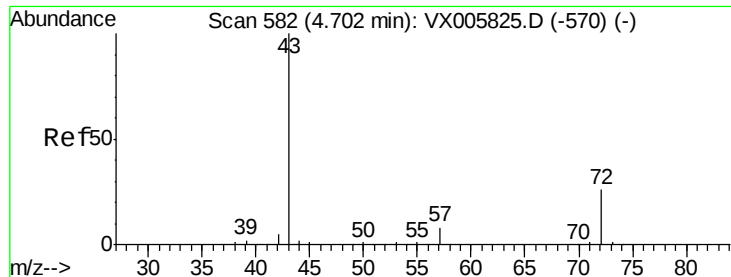
2.80

2.85

2.90

Time-->





#25

2-Butanone

Concen: 1.168 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

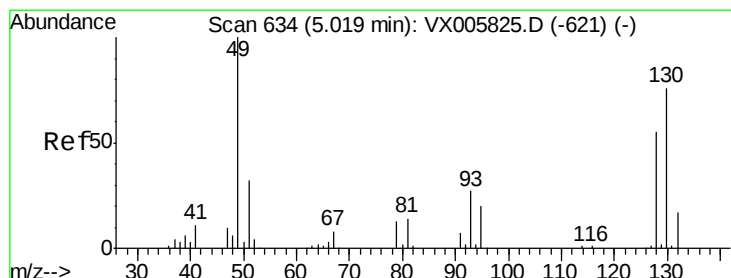
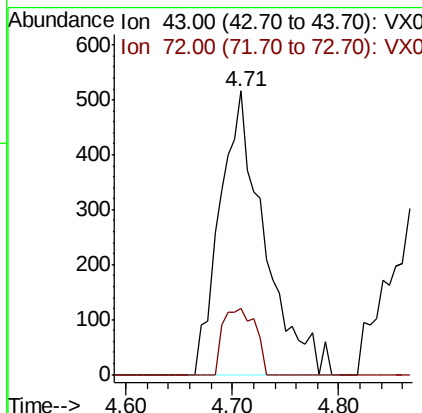
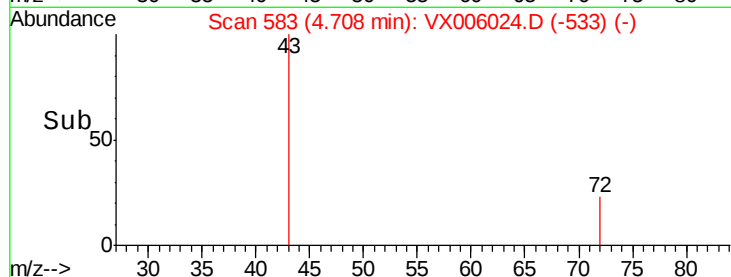
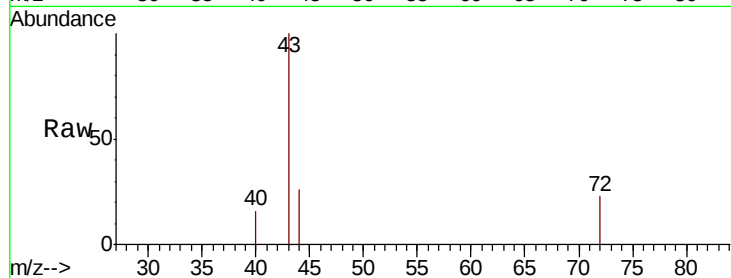
EP2-SB-106(2-4)MEDL

Tot Ion: 43 Resp: 1498

Ion Ratio Lower Upper

43 100

72 23.3 19.2 28.8



#28

Bromochloromethane

Concen: 0.253 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.19 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

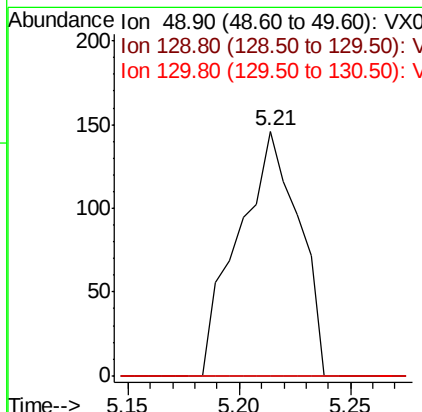
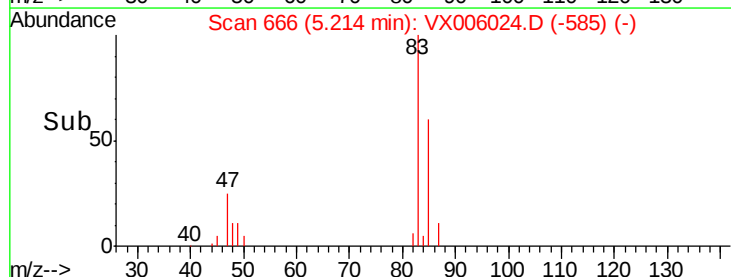
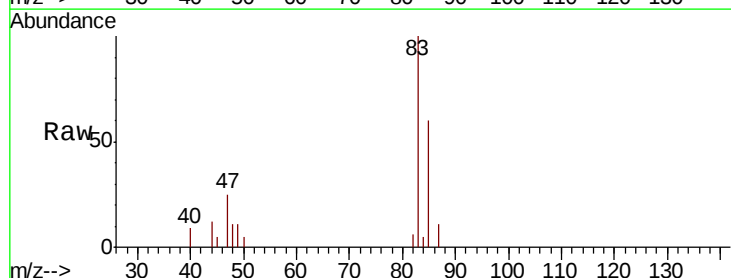
Tgt Ion: 49 Resp: 275

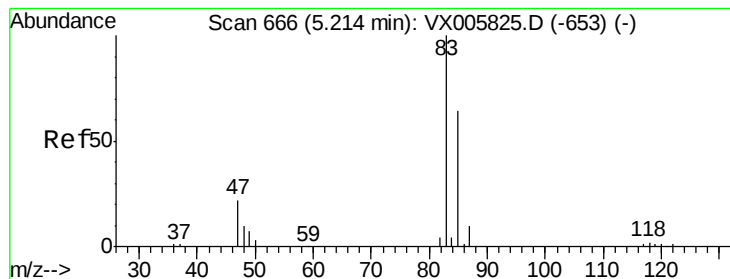
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 58.9 88.3#





#30

Chloroform

Concen: 1.699 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

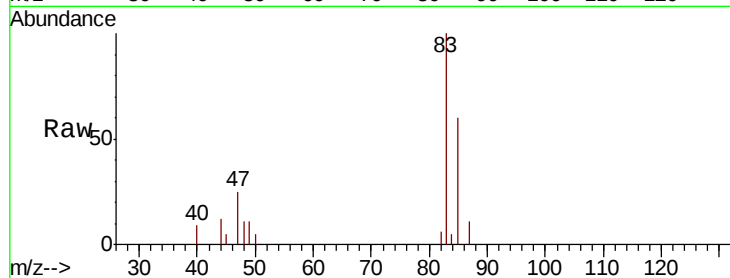
EP2-SB-106(2-4)MEDL

Tot Ion: 83 Resp: 3985

Ion Ratio Lower Upper

83 100

85 60.5 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

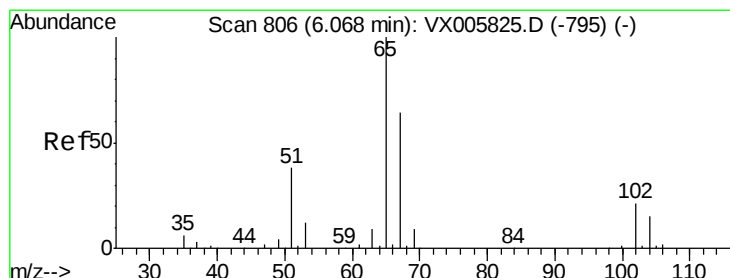
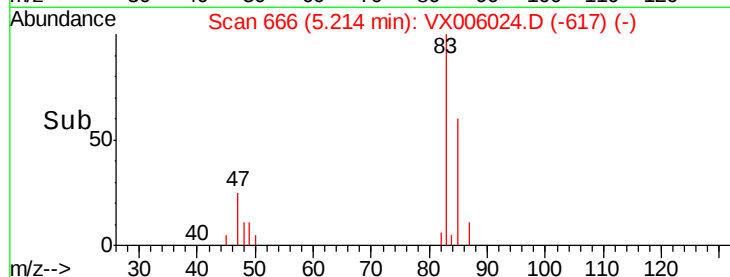
1500

1000

500

0

Time--> 5.10 5.15 5.20 5.25 5.30



#33

1,2-Dichloroethane-d4

Concen: 50.690 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006024.D

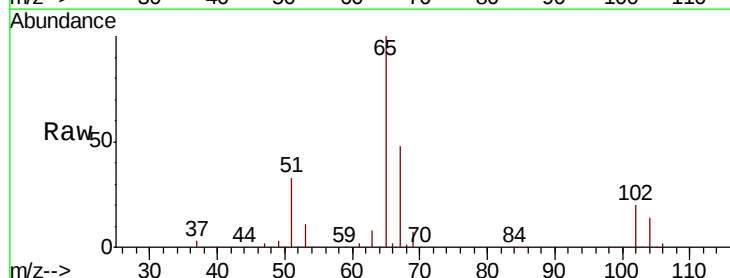
Acq: 15 Nov 2018 17:07

Tgt Ion: 65 Resp: 76783

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

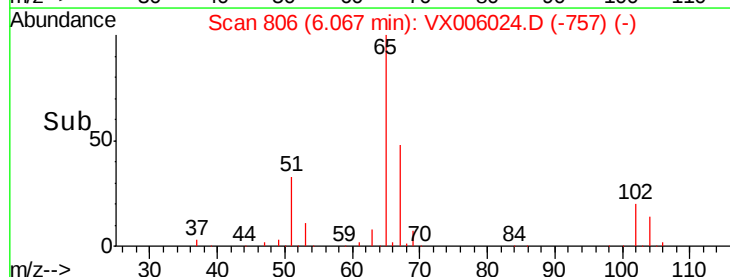
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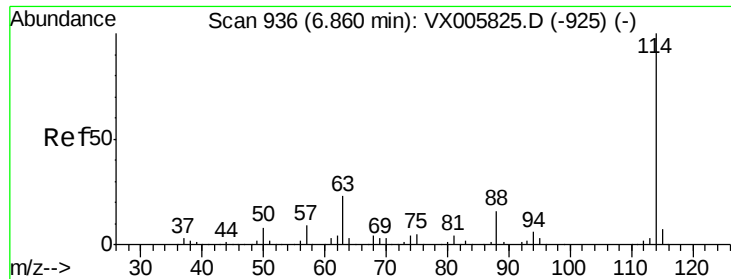
20000

10000

0

Time--> 5.90 6.00 6.10 6.20 6.30

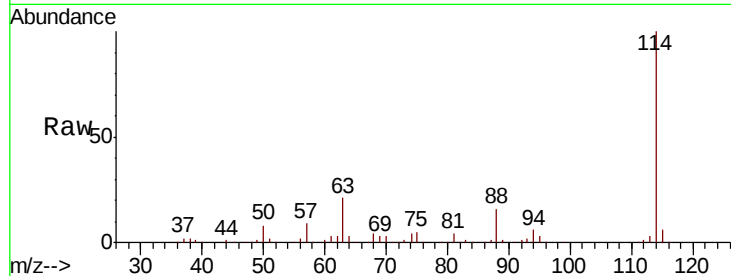




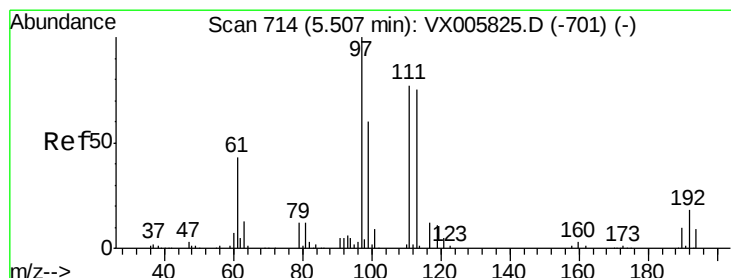
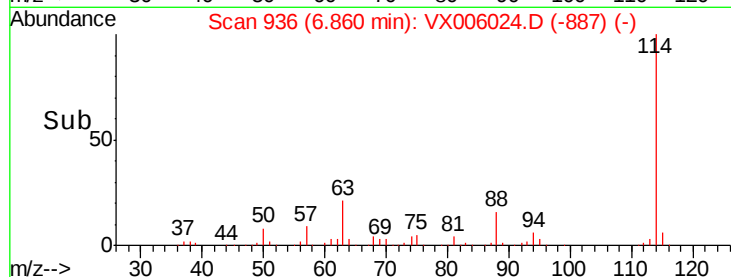
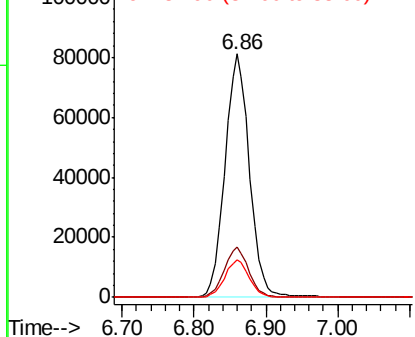
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006024.D
 Acq: 15 Nov 2018 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-106(2-4)MEDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.8
88	15.5	0.0	31.2

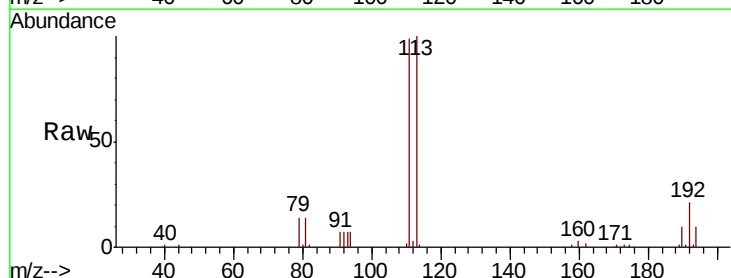


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

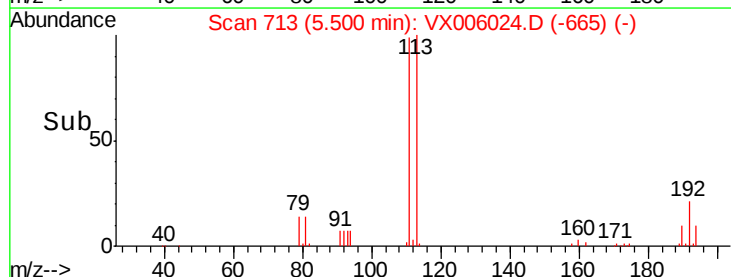
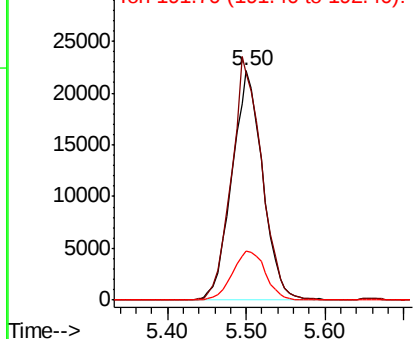


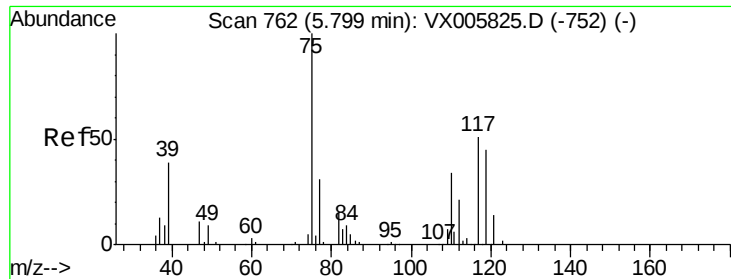
#35
 Dibromofluoromethane
 Concen: 46.214 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX006024.D
 Acq: 15 Nov 2018 17:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.3	123.5
192	22.8	17.9	26.9



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.022 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)MEDL

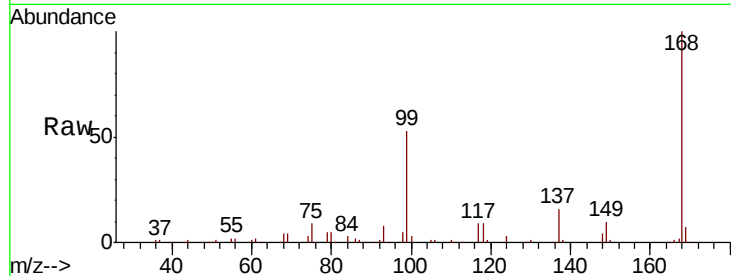
Tot Ion: 75 Resp: 9275

Ion Ratio Lower Upper

75 100

110 8.5 17.4 52.2#

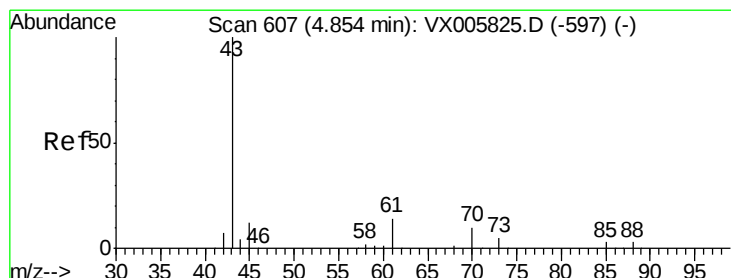
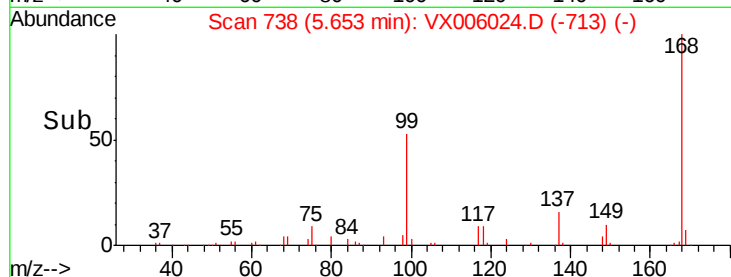
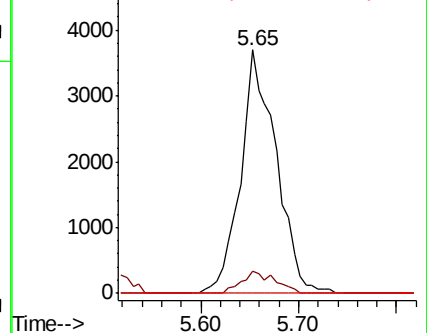
77 0.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 0.311 ug/l

RT: 4.87 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

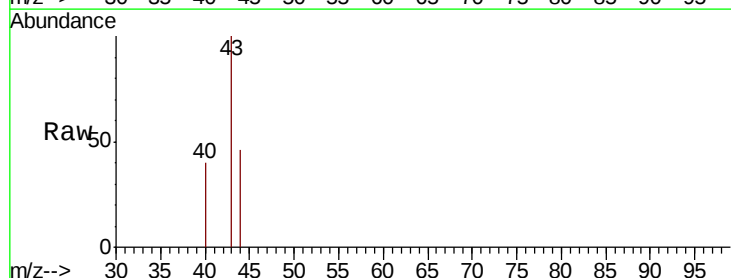
Tgt Ion: 43 Resp: 756

Ion Ratio Lower Upper

43 100

61 0.0 10.8 16.2#

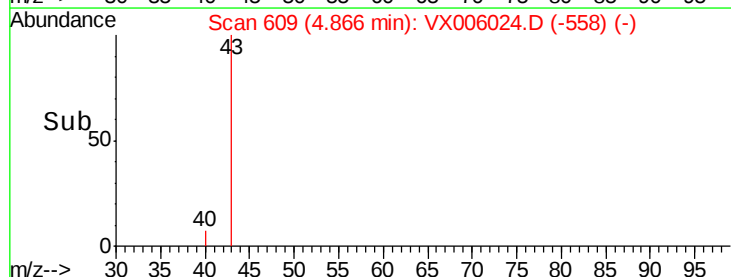
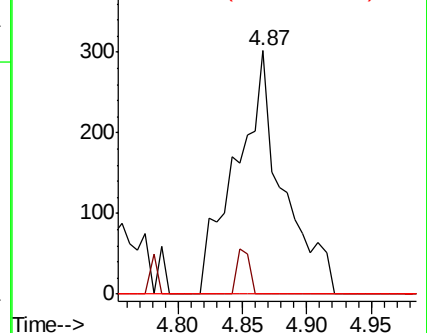
70 0.0 7.8 11.8#

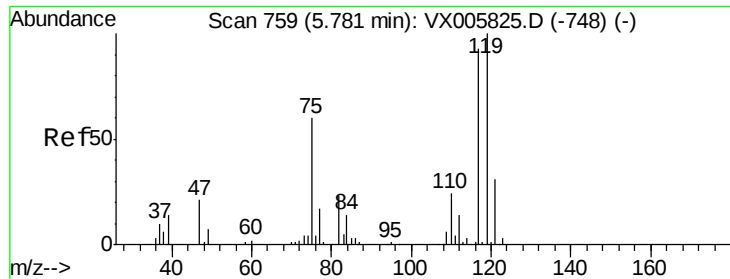


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

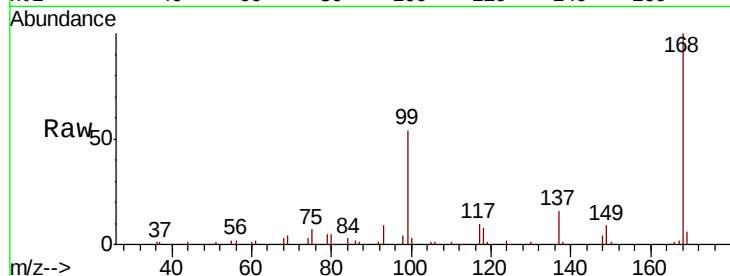




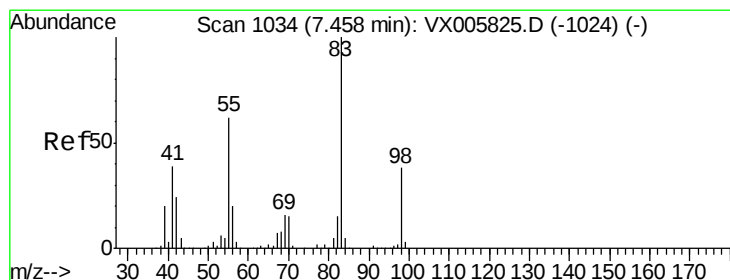
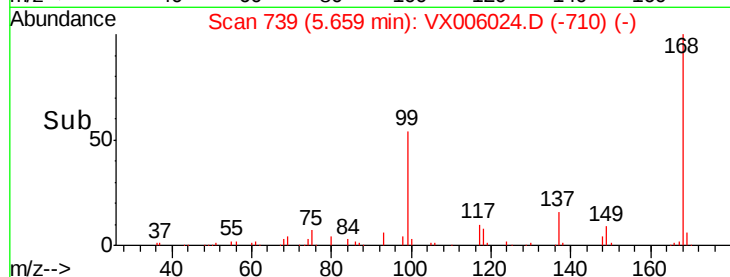
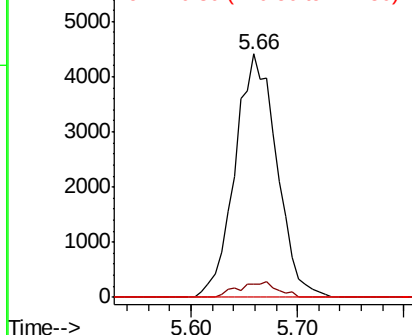
#38
Carbon Tetrachloride
Concen: 6.572 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006024.D
Acq: 15 Nov 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)MEDL

Tot Ion:117 Resp: 12150
Ion Ratio Lower Upper
117 100
119 5.5 78.1 117.1#
121 0.0 24.6 36.8#

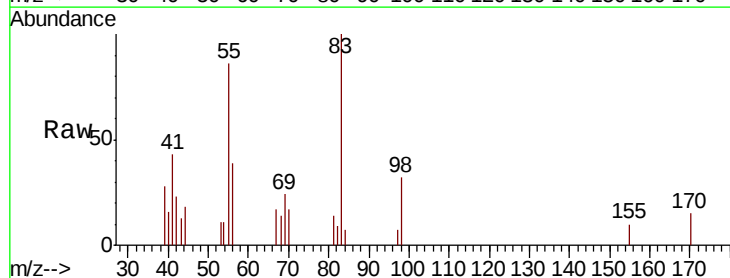


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

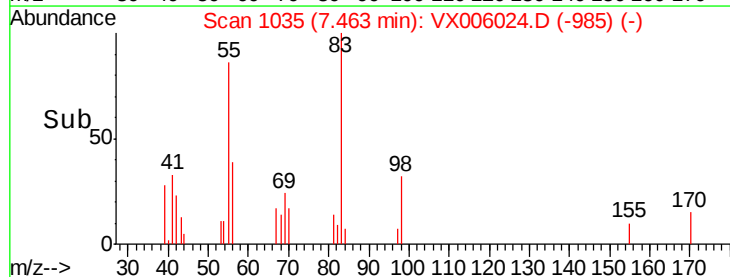
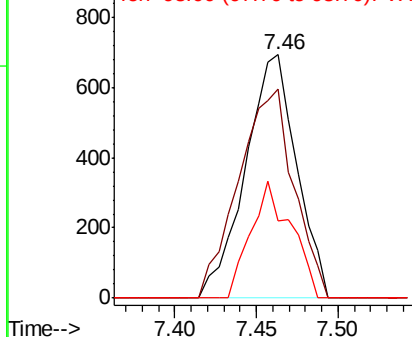


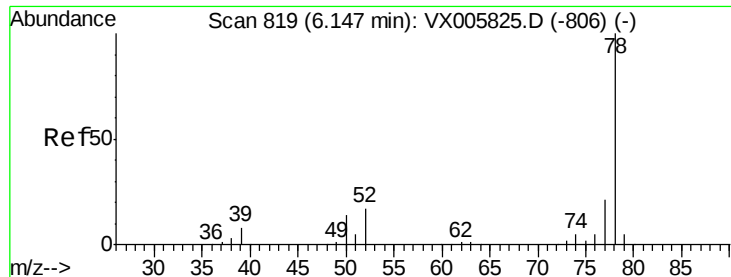
#39
Methylcyclohexane
Concen: 0.809 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006024.D
Acq: 15 Nov 2018 17:07

Tgt Ion: 83 Resp: 1514
Ion Ratio Lower Upper
83 100
55 86.0 63.7 95.5
98 31.6 36.2 54.2#



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

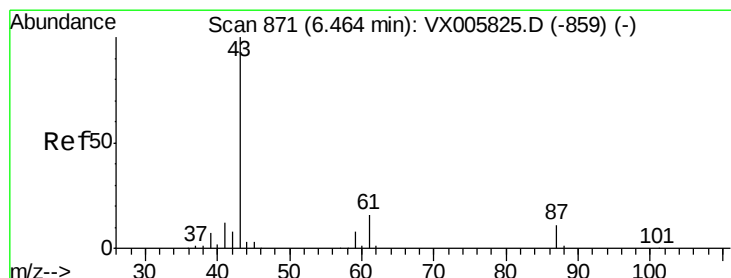
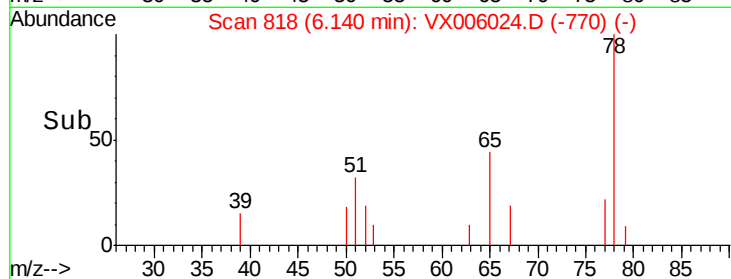
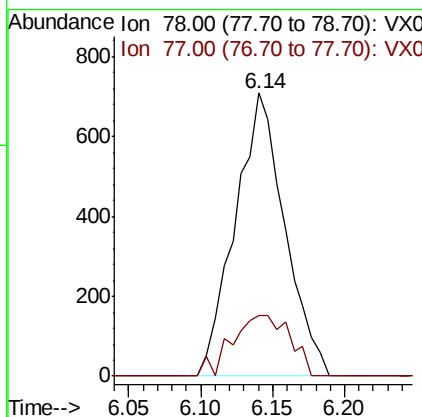
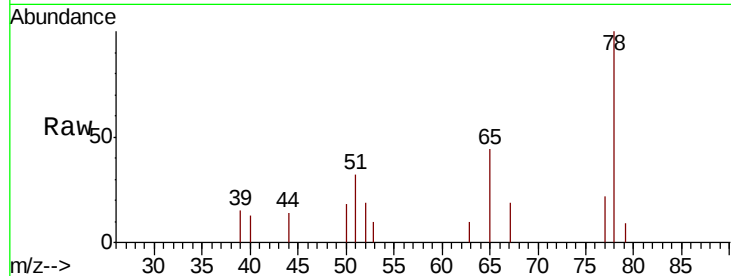




#40
Benzene
Concen: 0.316 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX006024.D
Acq: 15 Nov 2018 17:07

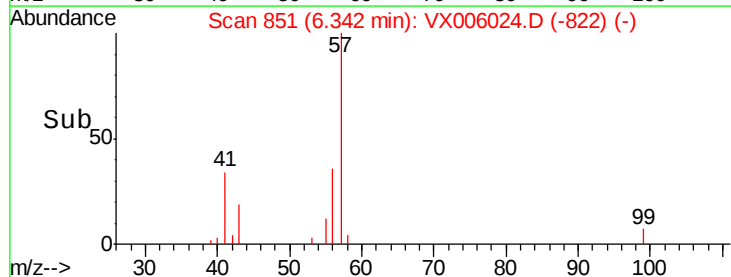
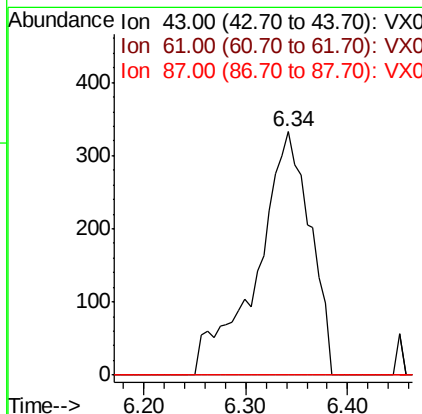
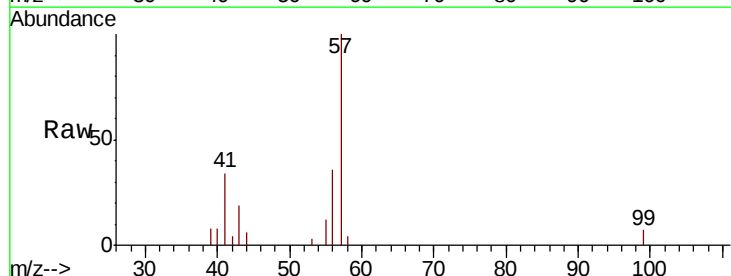
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)MEDL

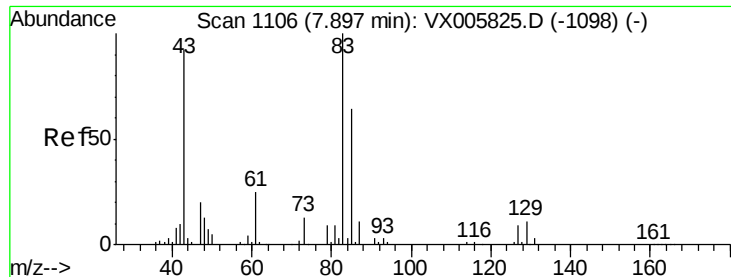
Tot Ion: 78 Resp: 1699
Ion Ratio Lower Upper
78 100
77 21.6 18.4 27.6



#43
Isopropyl Acetate
Concen: 0.343 ug/l
RT: 6.34 min Scan# 851
Delta R.T. -0.12 min
Lab File: VX006024.D
Acq: 15 Nov 2018 17:07

Tgt Ion: 43 Resp: 1206
Ion Ratio Lower Upper
43 100
61 0.0 14.6 22.0#
87 0.0 9.6 14.4#





#47

Bromodichloromethane

Concen: 0.343 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)MEDL

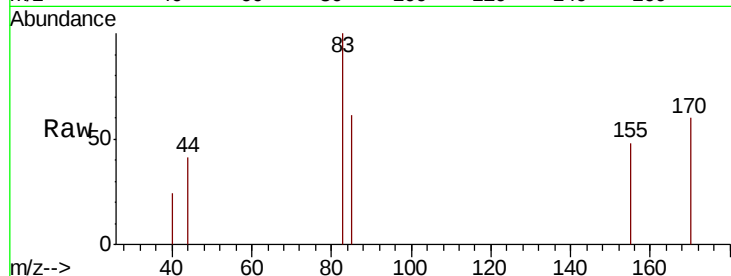
Tot Ion: 83 Resp: 531

Ion Ratio Lower Upper

83 100

85 60.6 50.2 75.4

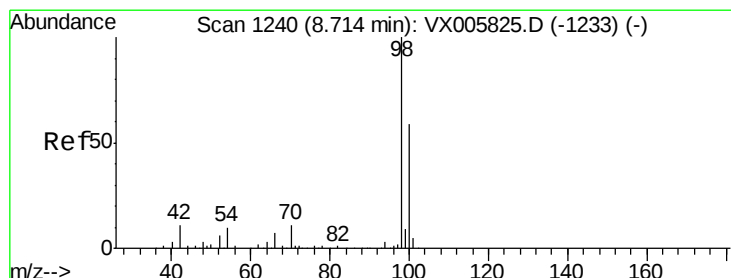
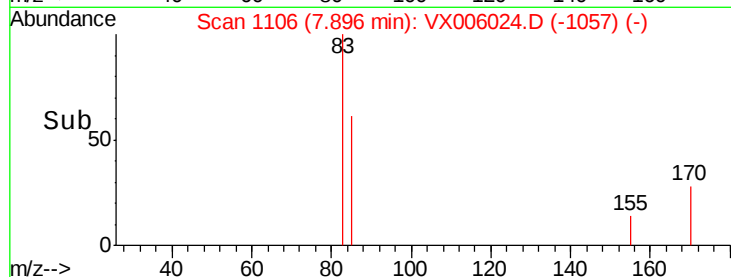
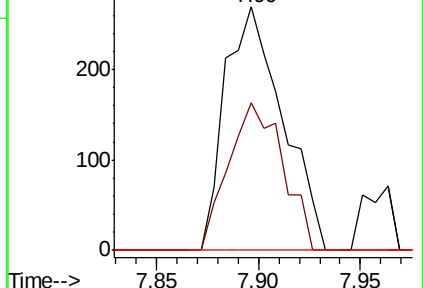
127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 55.002 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006024.D

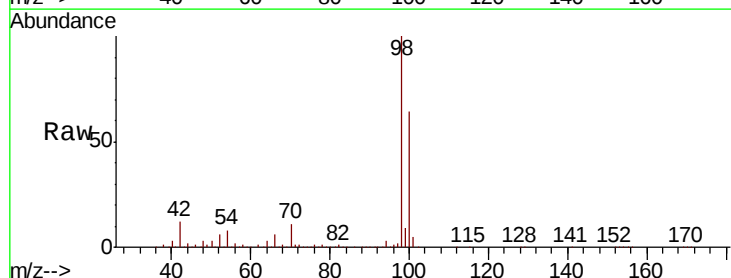
Acq: 15 Nov 2018 17:07

Tgt Ion: 98 Resp: 238261

Ion Ratio Lower Upper

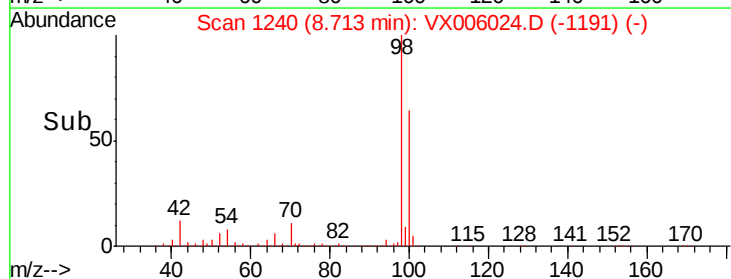
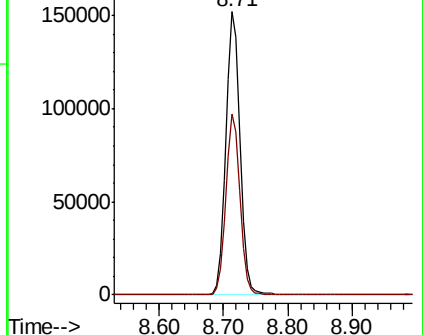
98 100

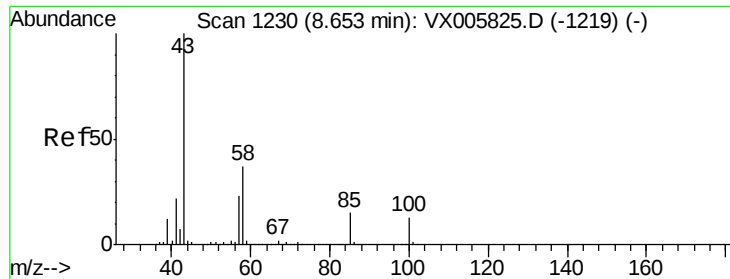
100 63.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.467 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

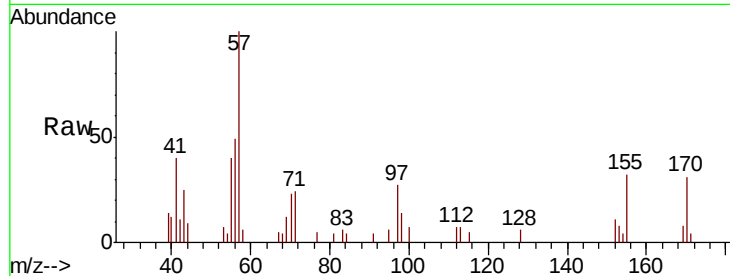
EP2-SB-106(2-4)MEDL

Tot Ion: 43 Resp: 1036

Ion Ratio Lower Upper

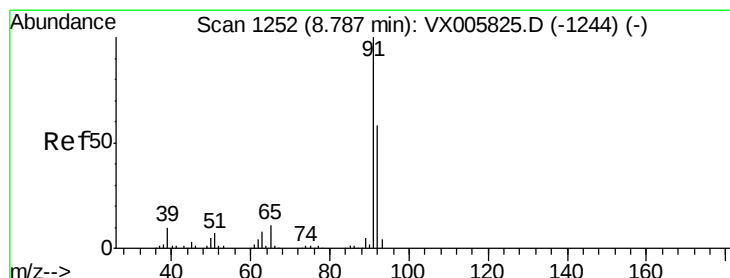
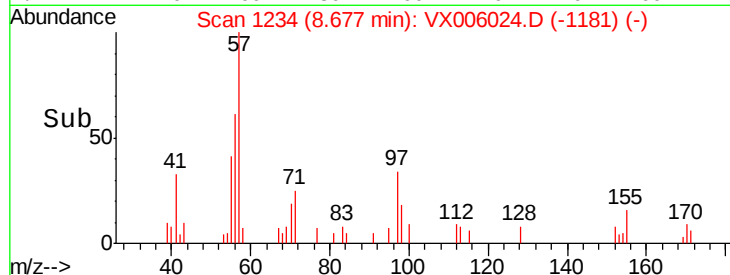
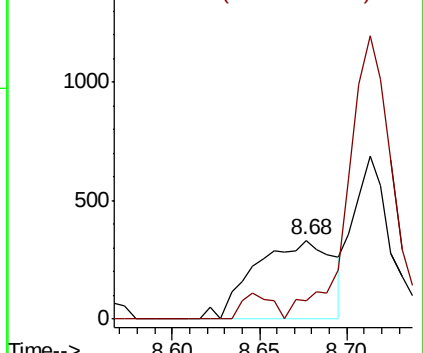
43 100

58 0.0 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 2.854 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006024.D

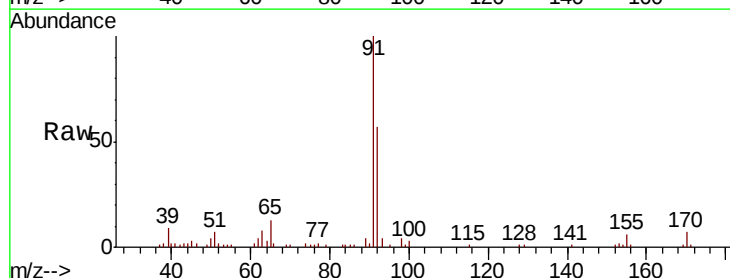
Acq: 15 Nov 2018 17:07

Tgt Ion: 92 Resp: 8588

Ion Ratio Lower Upper

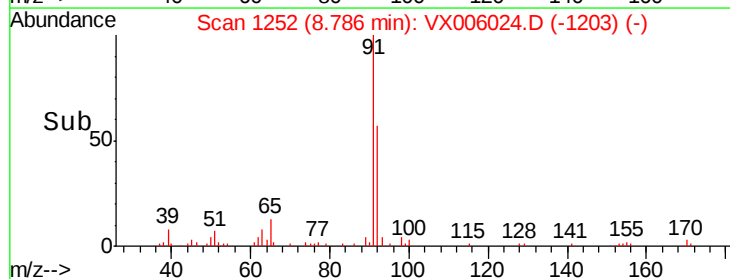
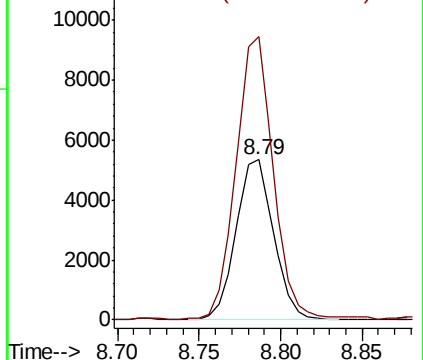
92 100

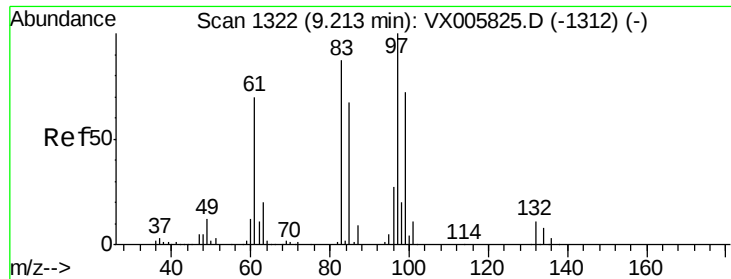
91 175.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#55

1,1,2-Trichloroethane

Concen: 0.559 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)MEDL

Tot Ion: 97 Resp: 750

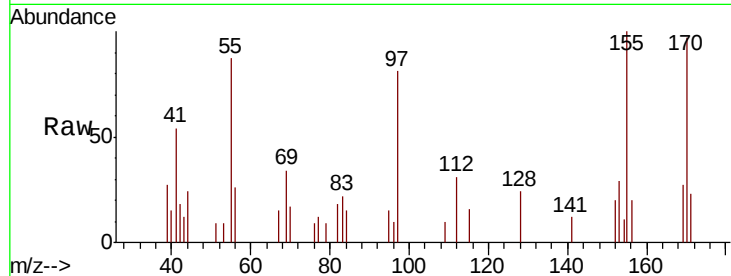
Ion Ratio Lower Upper

97 100

83 14.6 70.7 106.1#

85 0.0 45.8 68.6#

99 0.0 51.8 77.8#

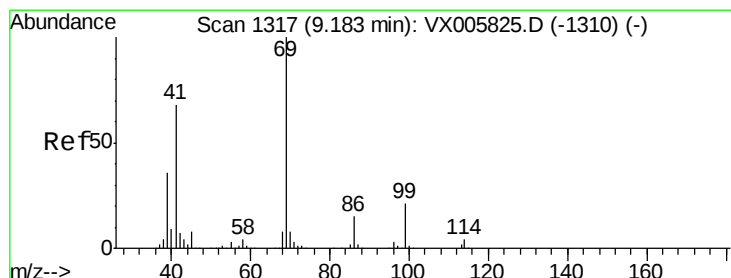
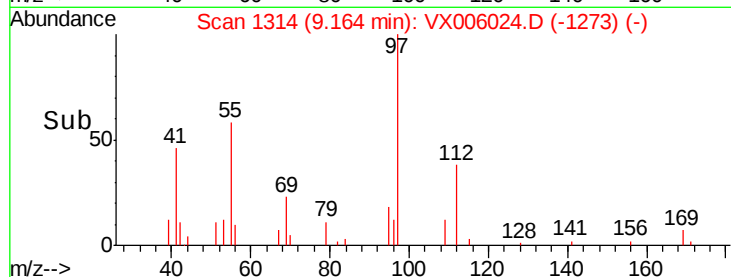
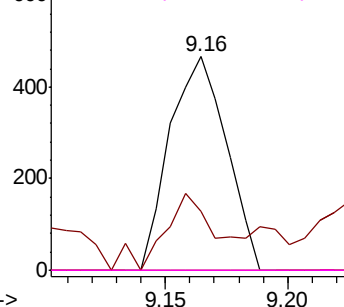


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.237 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

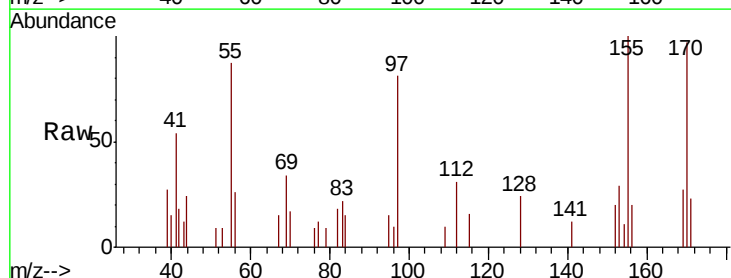
Tgt Ion: 69 Resp: 475

Ion Ratio Lower Upper

69 100

41 53.1 57.0 85.6#

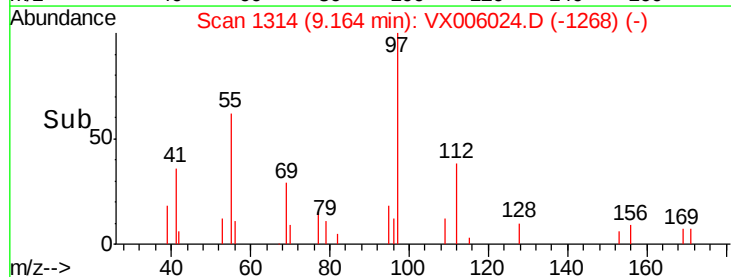
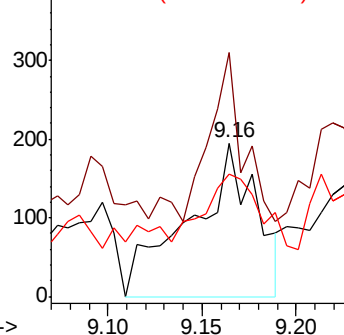
39 41.7 28.3 42.5

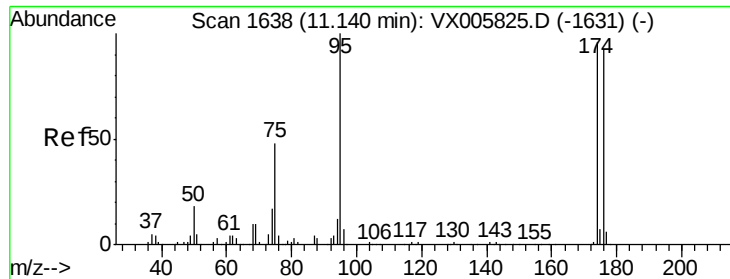


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

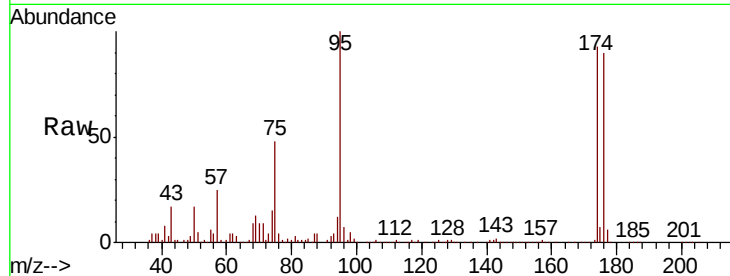




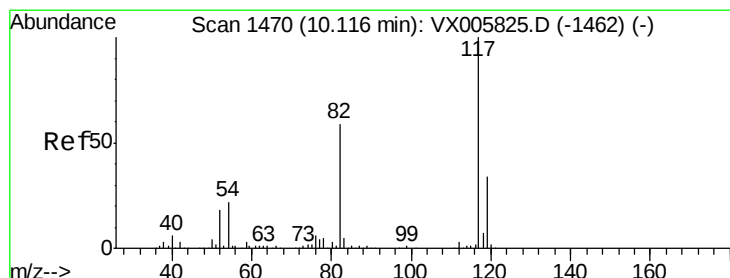
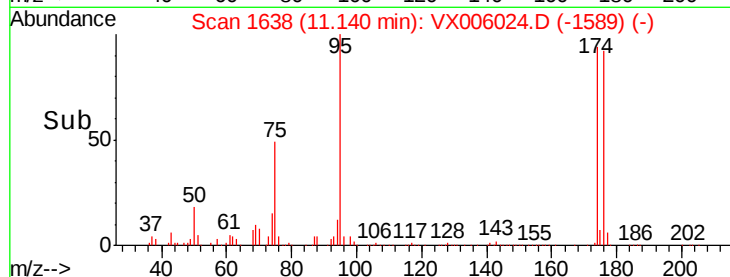
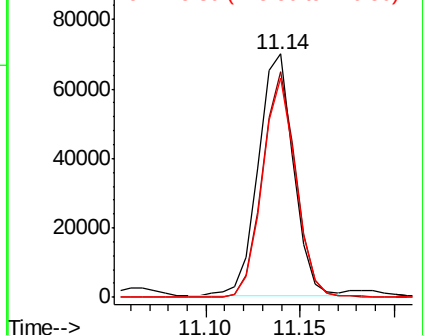
#62
4-Bromofluorobenzene
Concen: 58.138 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006024.D
Acq: 15 Nov 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)MEDL

Tot Ion: 95 Resp: 90548
Ion Ratio Lower Upper
95 100
174 88.7 0.0 184.4
176 86.5 0.0 177.4

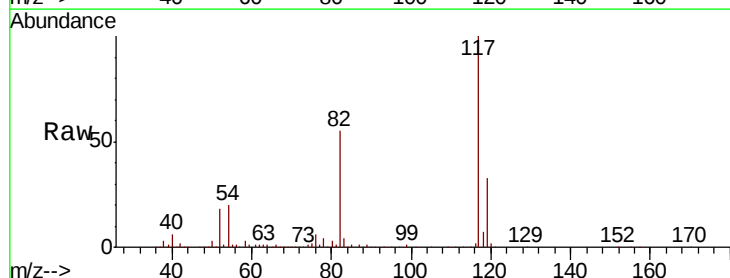


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

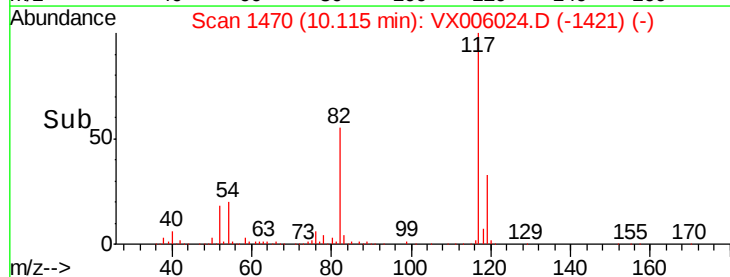
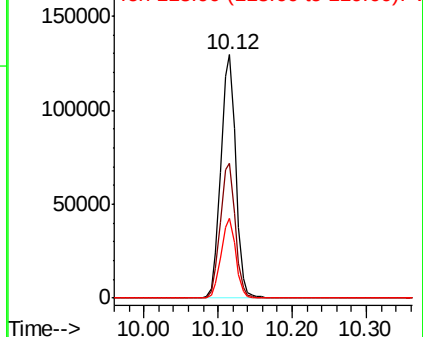


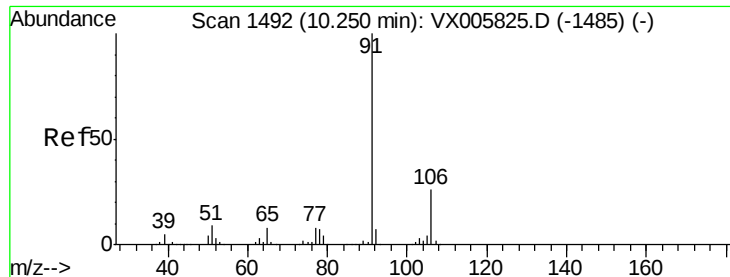
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006024.D
Acq: 15 Nov 2018 17:07

Tgt Ion: 117 Resp: 179663
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 32.8 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 2.479 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

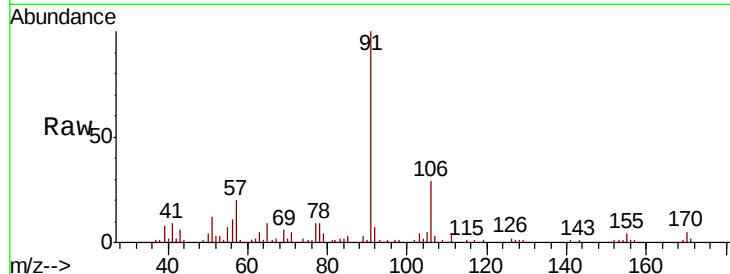
EP2-SB-106(2-4)MEDL

Tot Ion: 91 Resp: 14309

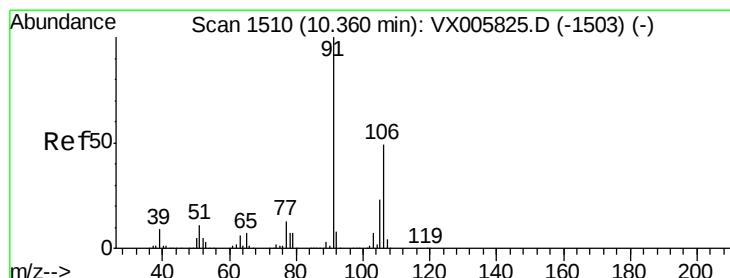
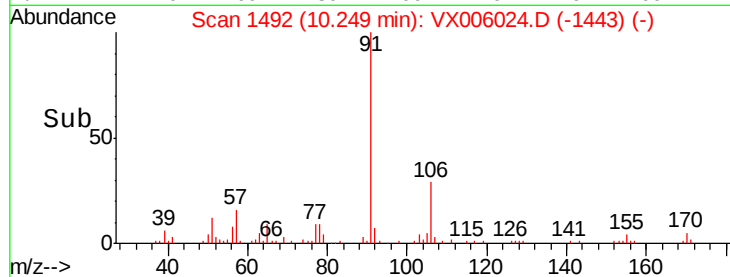
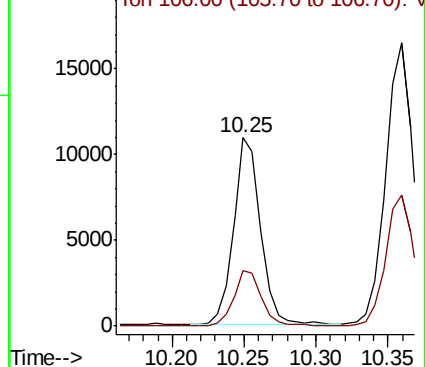
Ion Ratio Lower Upper

91 100

106 29.4 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)



#68

m/p-Xylenes

Concen: 4.777 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006024.D

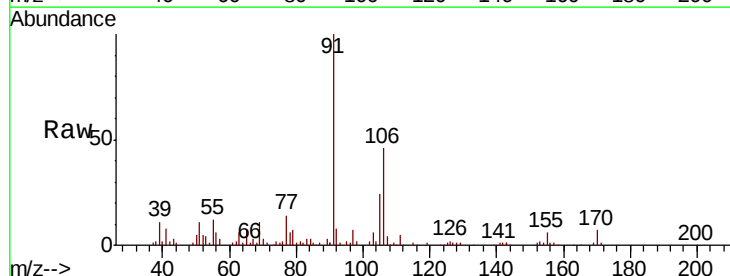
Acq: 15 Nov 2018 17:07

Tgt Ion: 106 Resp: 10517

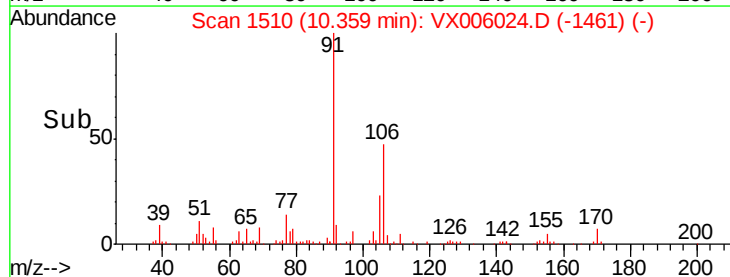
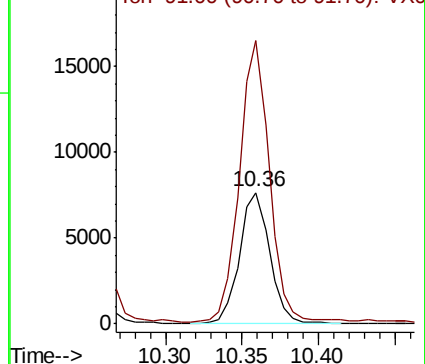
Ion Ratio Lower Upper

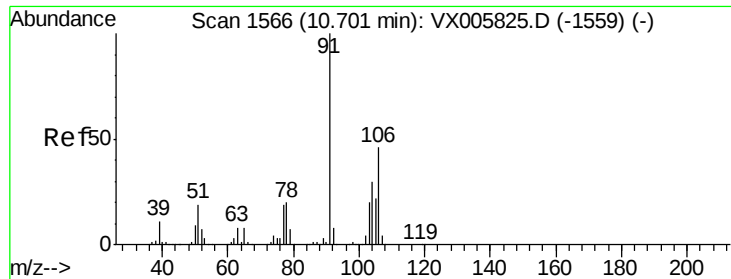
106 100

91 210.1 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

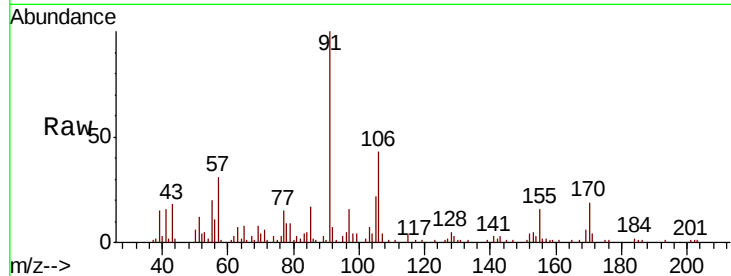




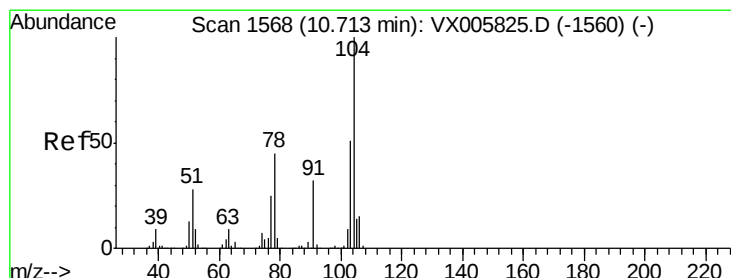
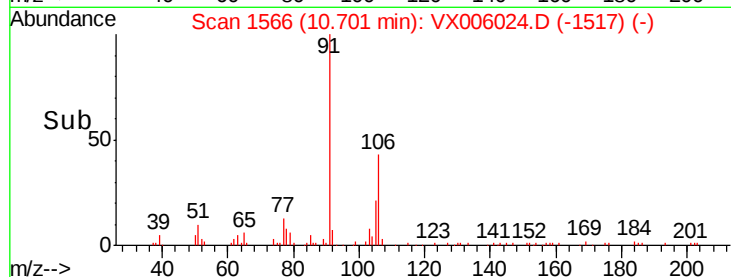
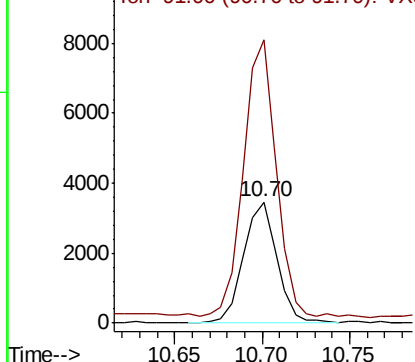
#69
o-Xylene
Concen: 2.343 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006024.D
Acq: 15 Nov 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)MEDL

Tot Ion:106 Resp: 4625
Ion Ratio Lower Upper
106 100
91 225.0 108.5 325.5

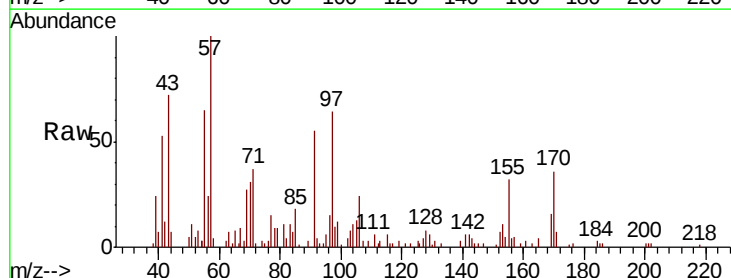


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

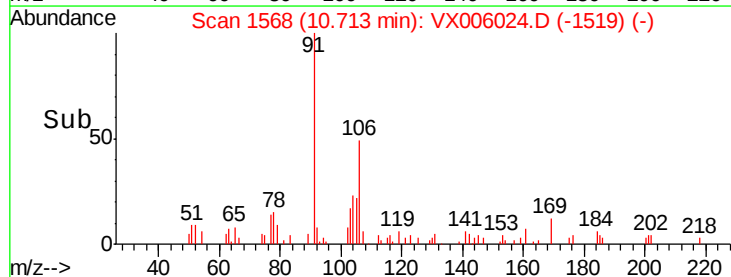
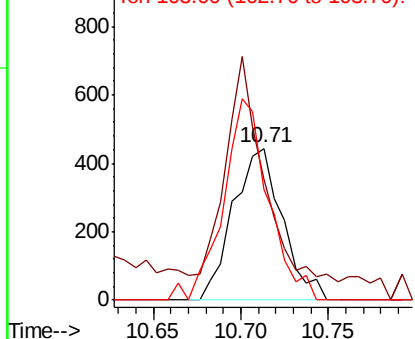


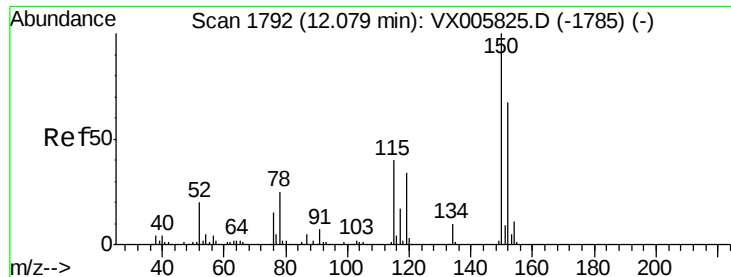
#70
Styrene
Concen: 0.267 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006024.D
Acq: 15 Nov 2018 17:07

Tgt Ion:104 Resp: 868
Ion Ratio Lower Upper
104 100
78 117.3 40.2 60.4#
103 122.6 44.9 67.3#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)MEDL

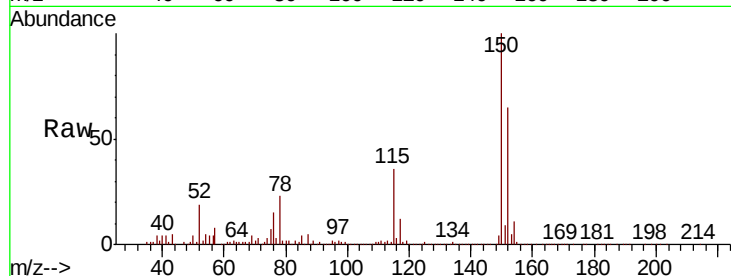
Tot Ion:152 Resp: 96453

Ion Ratio Lower Upper

152 100

115 57.1 39.4 118.1

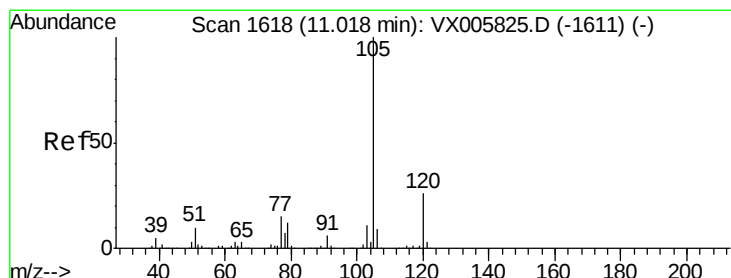
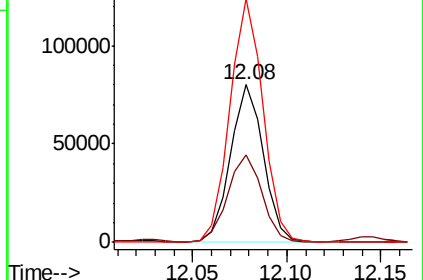
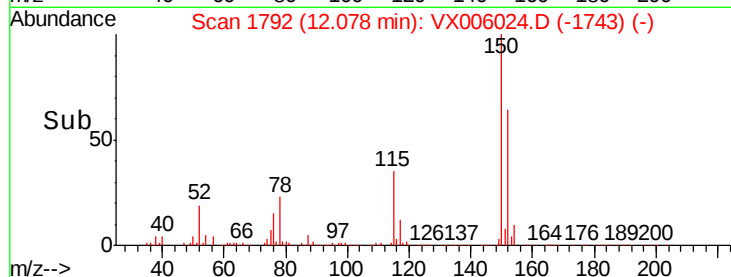
150 156.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.872 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006024.D

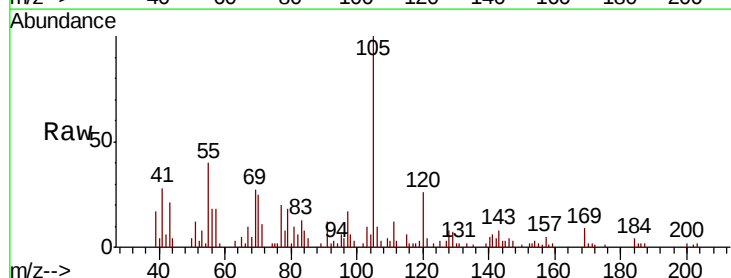
Acq: 15 Nov 2018 17:07

Tgt Ion:105 Resp: 4863

Ion Ratio Lower Upper

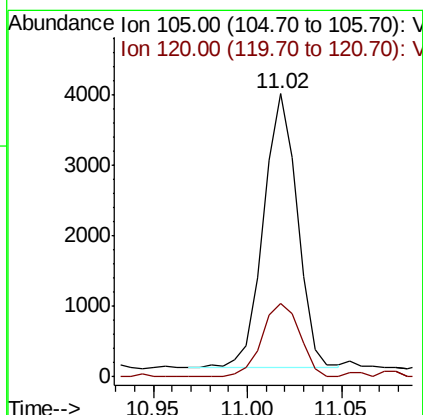
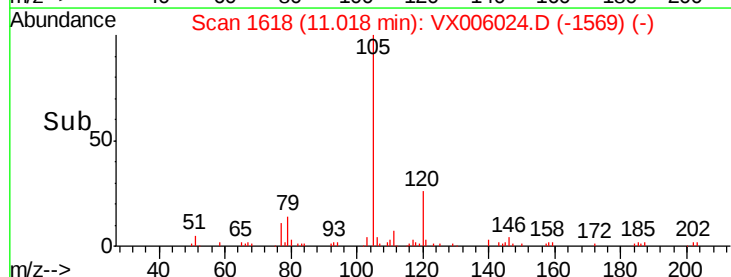
105 100

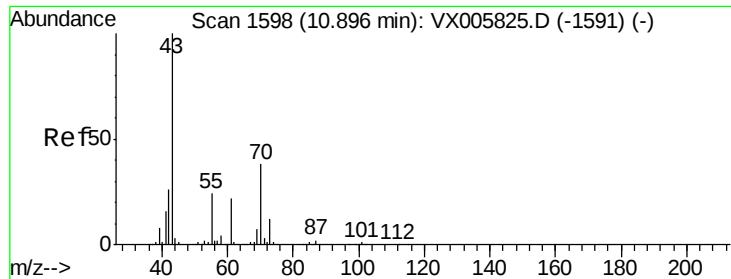
120 29.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 4.760 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)MEDL

Tot Ion: 43 Resp: 11263

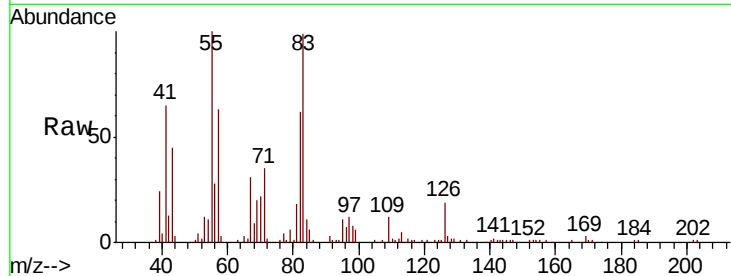
Ion Ratio Lower Upper

43 100

70 61.2 31.6 47.4#

55 199.2 19.7 29.5#

61 0.0 18.3 27.5#

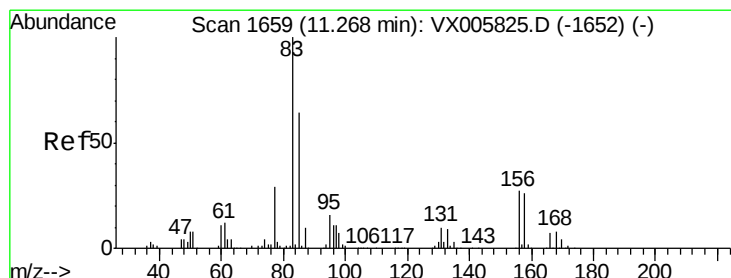
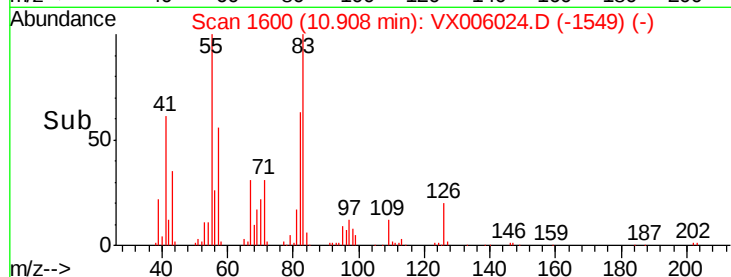
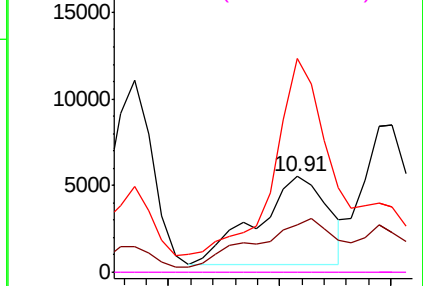


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 3.074 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

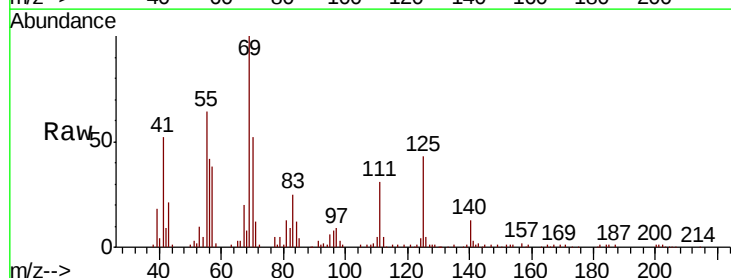
Tgt Ion: 83 Resp: 6294

Ion Ratio Lower Upper

83 100

131 0.8 5.3 15.9#

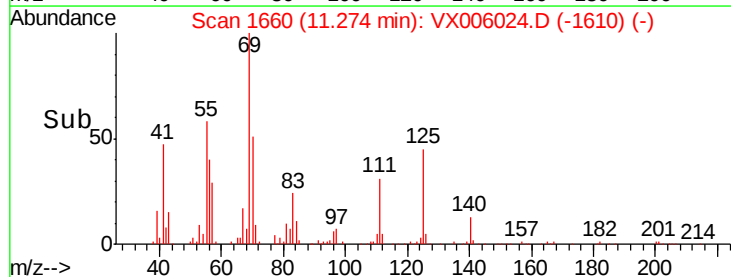
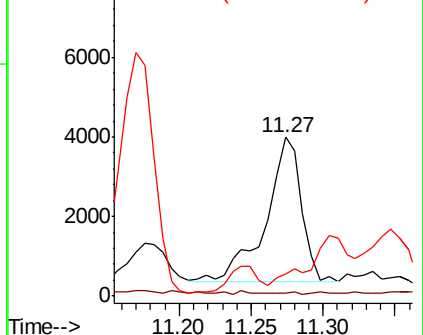
85 0.0 32.0 96.2#

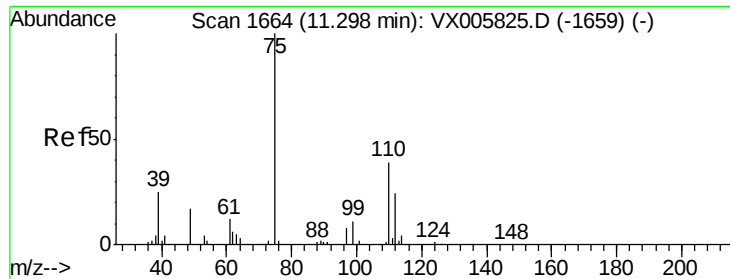


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 22.314 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

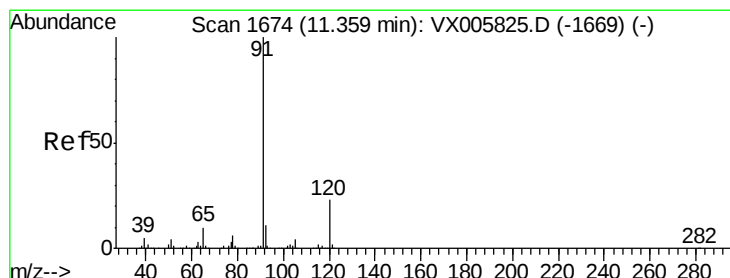
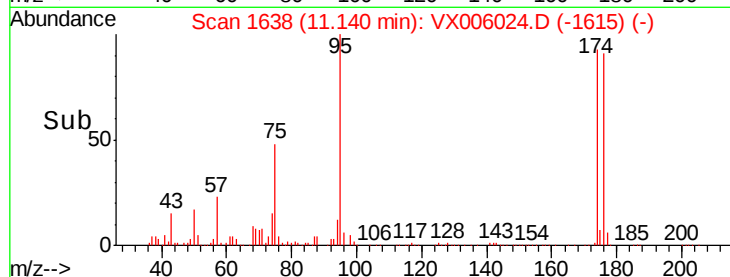
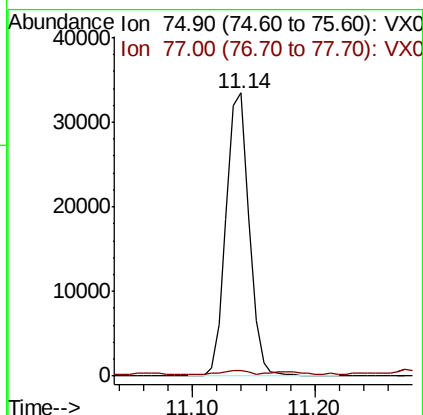
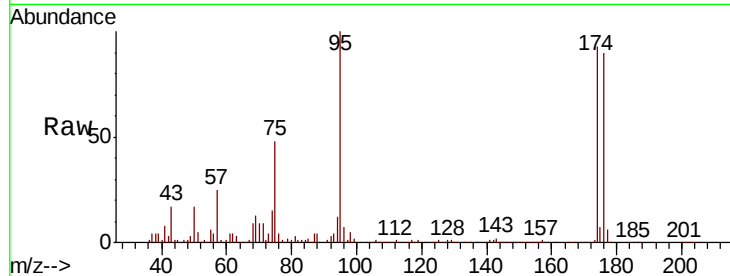
EP2-SB-106(2-4)MEDL

Tot Ion: 75 Resp: 43825

Ion Ratio Lower Upper

75 100

77 2.1 20.5 61.6#



#78

n-propylbenzene

Concen: 3.229 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006024.D

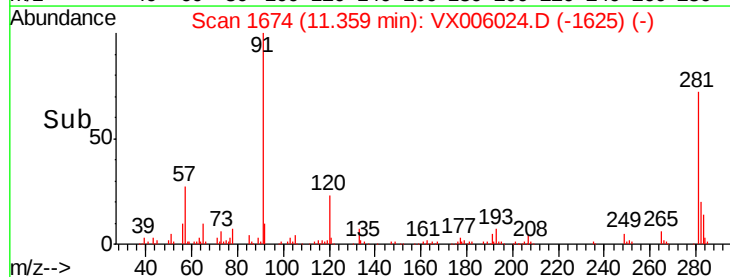
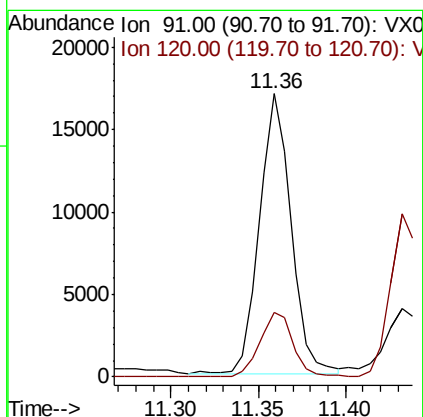
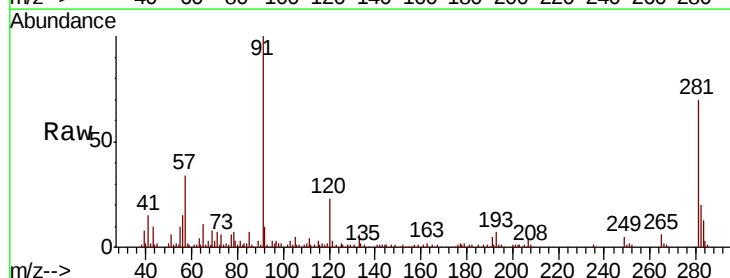
Acq: 15 Nov 2018 17:07

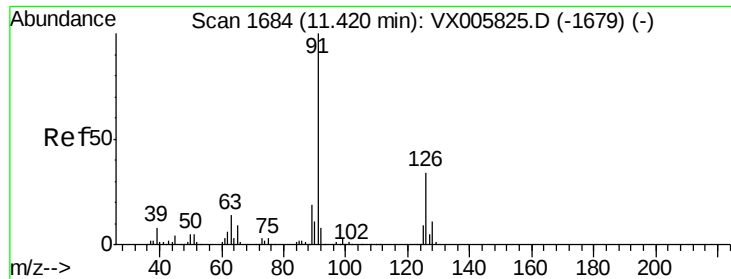
Tgt Ion: 91 Resp: 21229

Ion Ratio Lower Upper

91 100

120 24.4 11.9 35.5

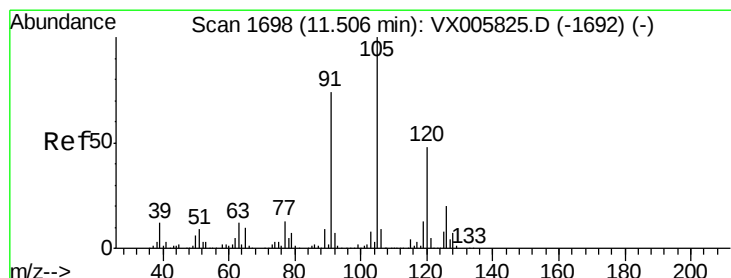
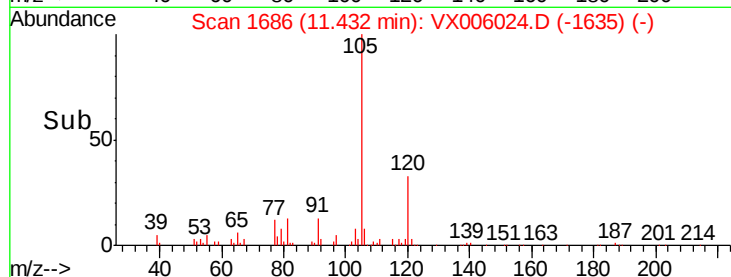
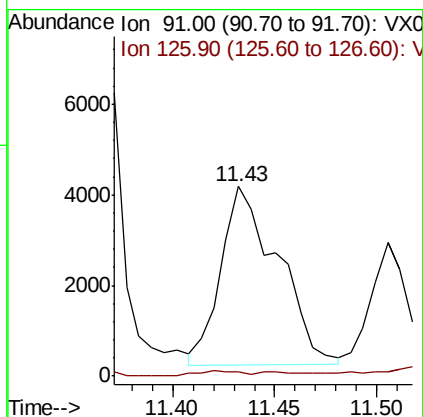
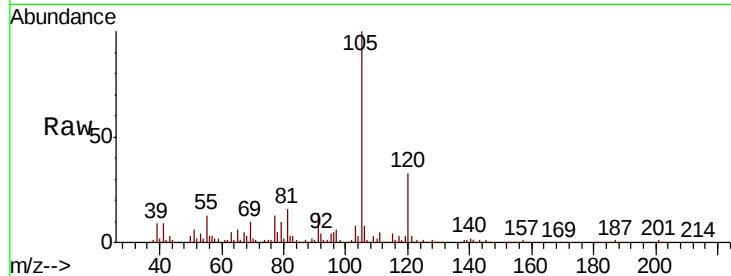




#79
2-Chlorotoluene
Concen: 1.925 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX006024.D
Acq: 15 Nov 2018 17:07

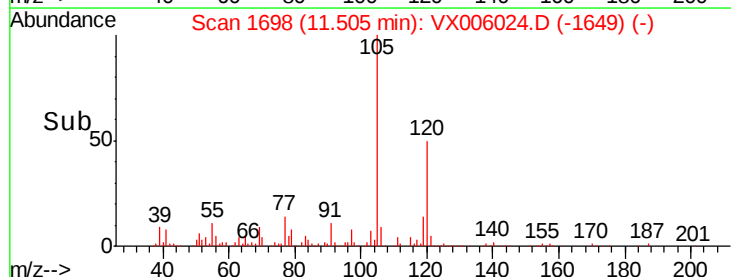
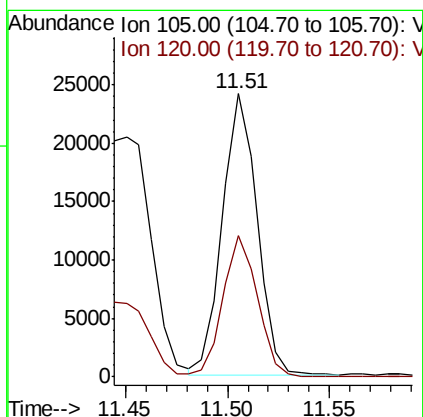
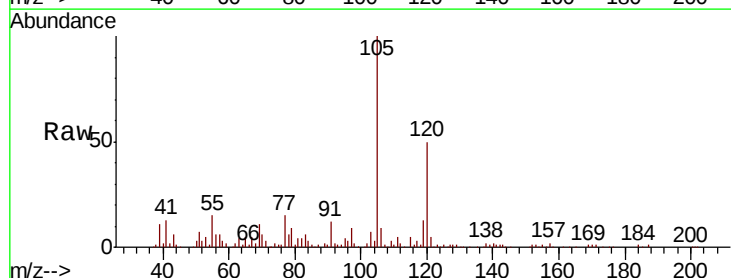
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)MEDL

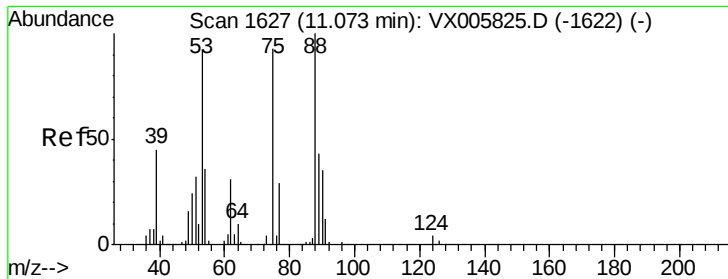
Tot Ion: 91 Resp: 7648
Ion Ratio Lower Upper
91 100
126 2.6 17.3 52.0#



#80
1,3,5-Trimethylbenzene
Concen: 5.954 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX006024.D
Acq: 15 Nov 2018 17:07

Tgt Ion: 105 Resp: 28223
Ion Ratio Lower Upper
105 100
120 49.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 71.119 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006024.D

Acq: 15 Nov 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)MEDL

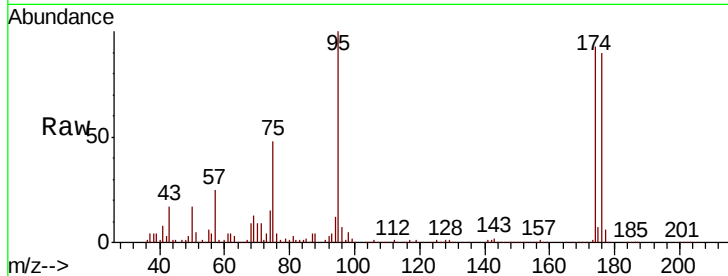
Tot Ion: 75 Resp: 43825

Ion Ratio Lower Upper

75 100

53 1.1 80.2 120.2#

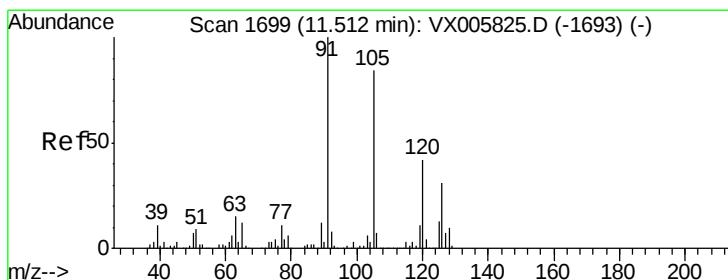
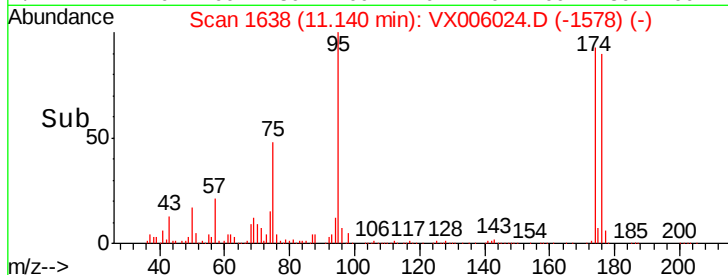
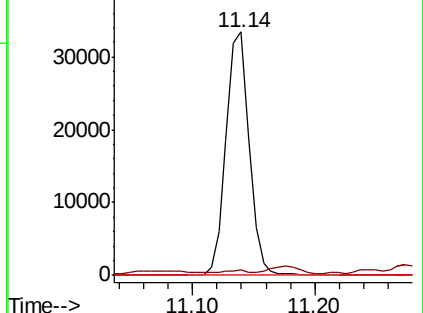
89 0.1 39.8 59.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.271 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.26 min

Lab File: VX006024.D

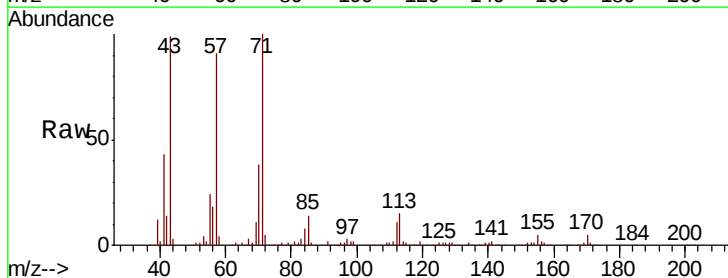
Acq: 15 Nov 2018 17:07

Tgt Ion: 91 Resp: 1270

Ion Ratio Lower Upper

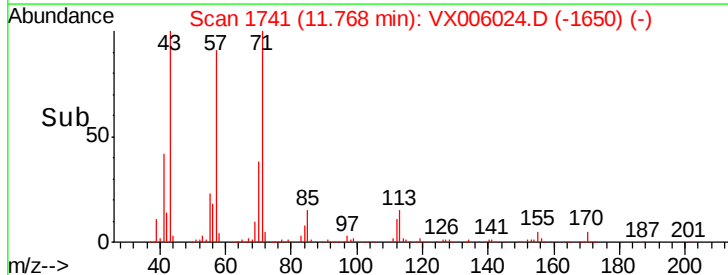
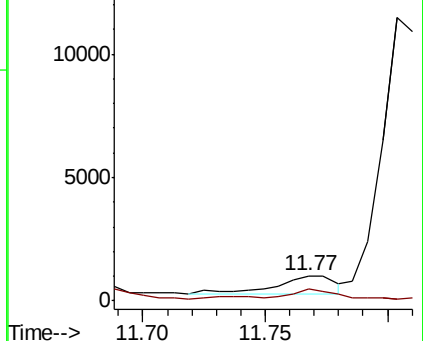
91 100

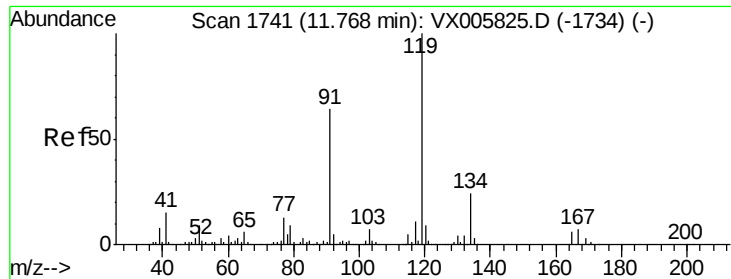
126 27.6 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

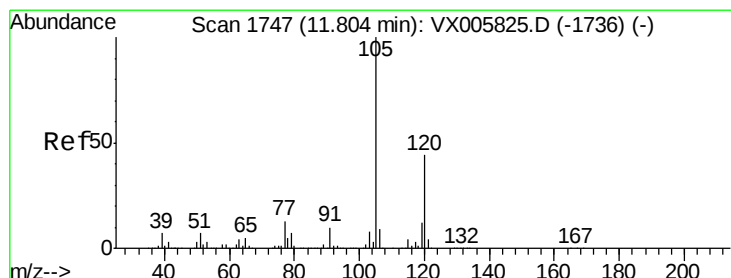
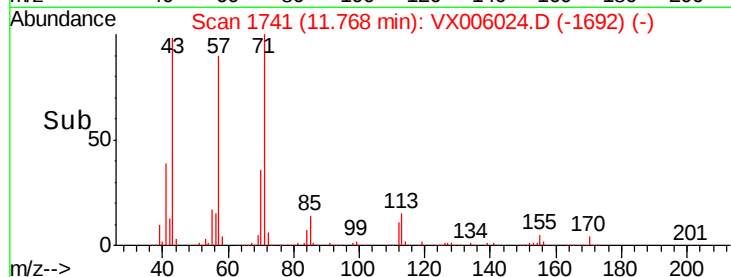
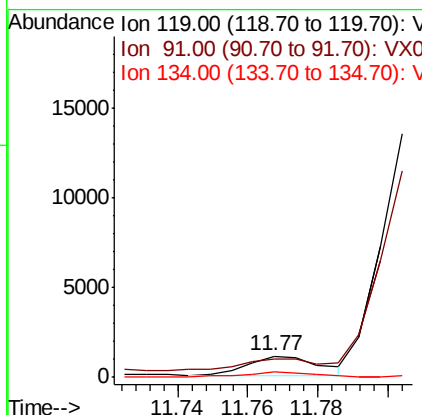
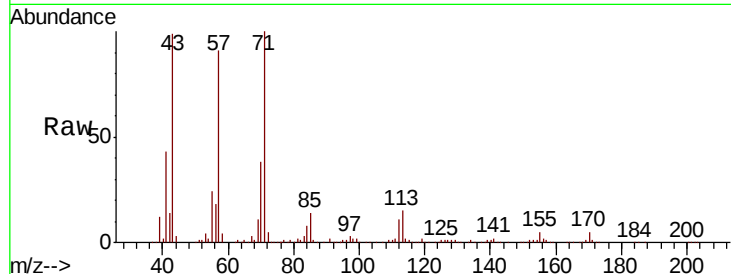




#83
tert-Butylbenzene
Concen: 0.316 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006024.D
Acq: 15 Nov 2018 17:07

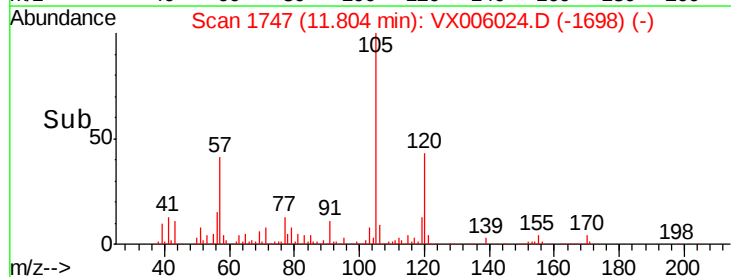
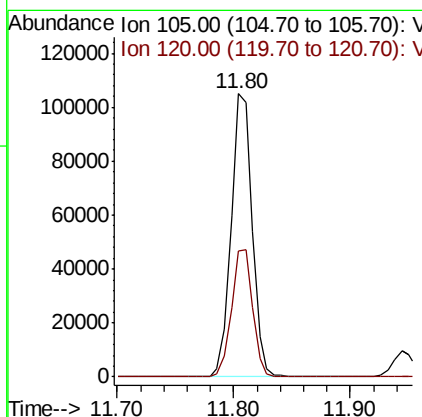
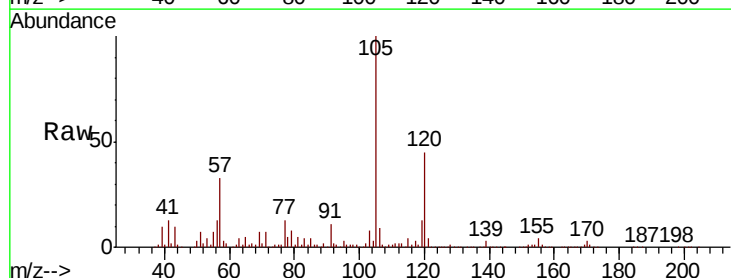
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)MEDL

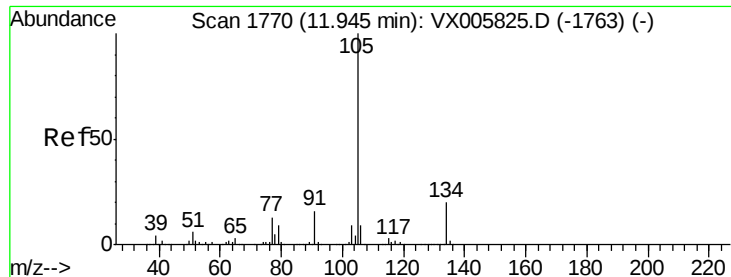
Tot Ion:119 Resp: 1516
Ion Ratio Lower Upper
119 100
91 76.2 28.5 85.5
134 30.1 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 25.155 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006024.D
Acq: 15 Nov 2018 17:07

Tgt Ion:105 Resp: 131897
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.0

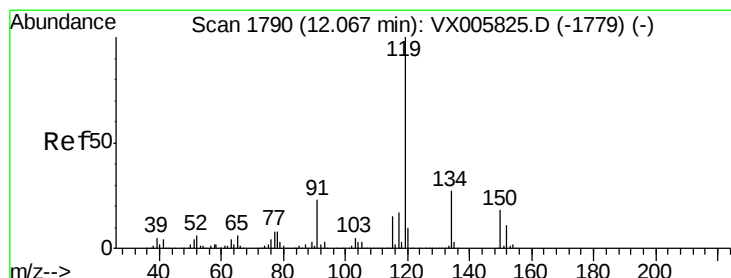
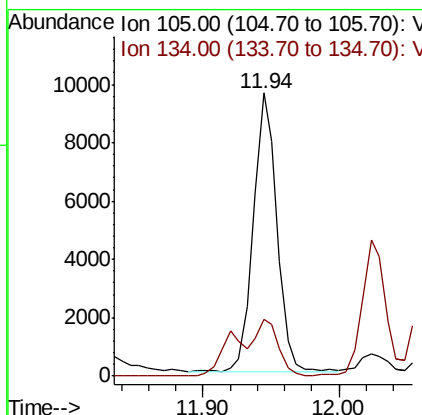
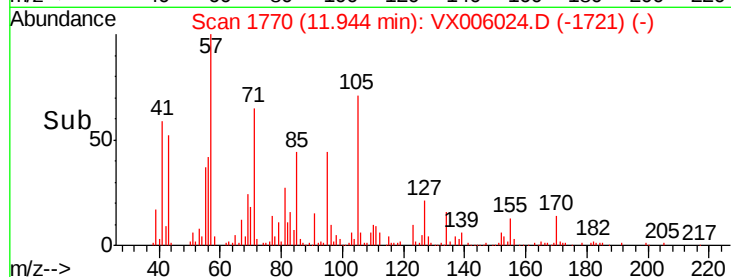
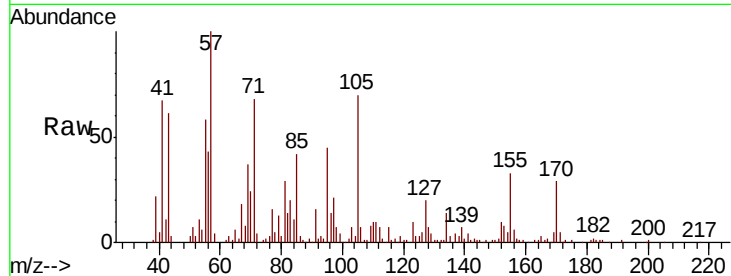




#85
 sec-Butylbenzene
 Concen: 1.996 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006024.D
 Acq: 15 Nov 2018 17:07

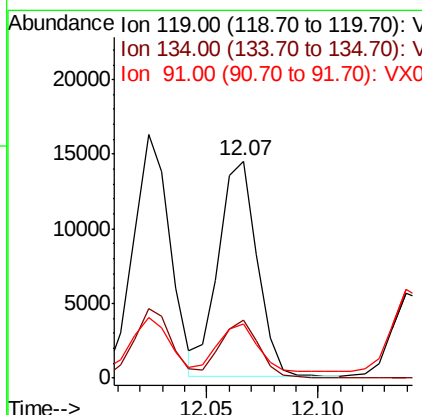
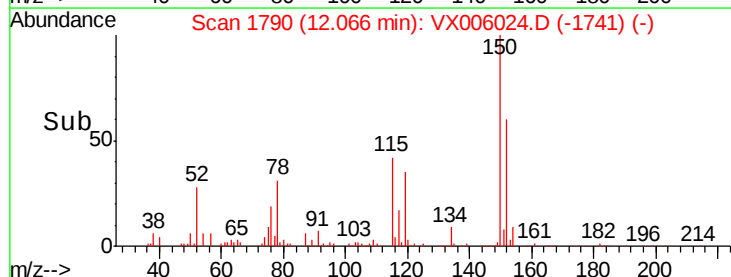
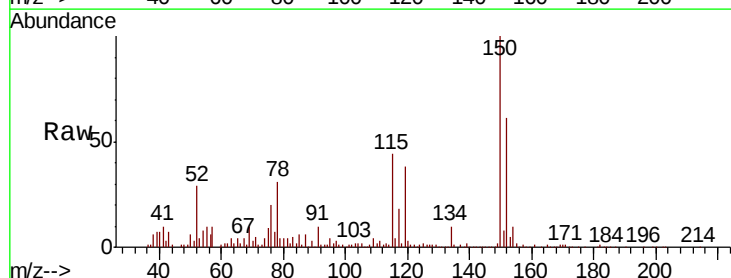
Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-106(2-4)MEDL

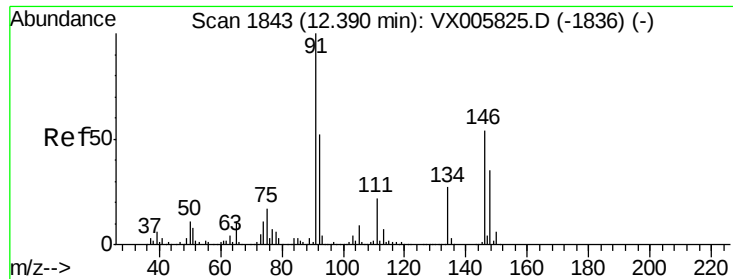
Tot Ion:105 Resp: 11705
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 3.351 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006024.D
 Acq: 15 Nov 2018 17:07

Tgt Ion:119 Resp: 17408
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 23.0 11.4 34.2

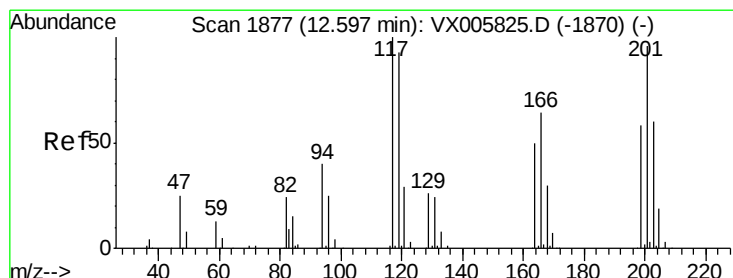
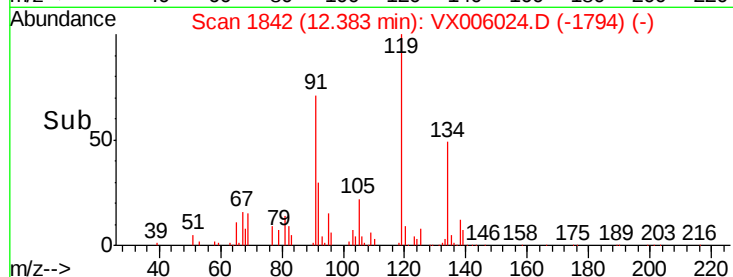
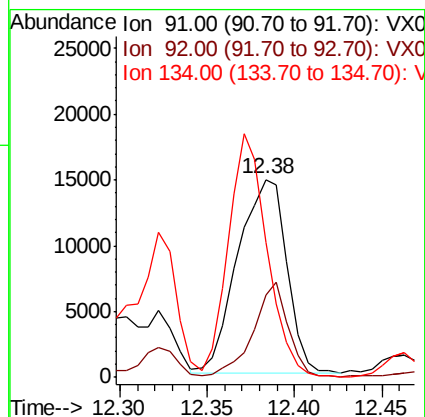
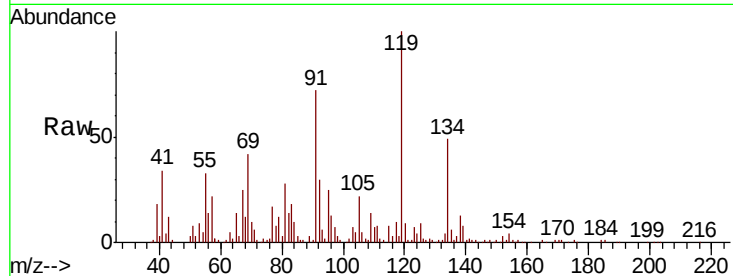




#89
n-Butylbenzene
Concen: 5.949 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006024.D
Acq: 15 Nov 2018 17:07

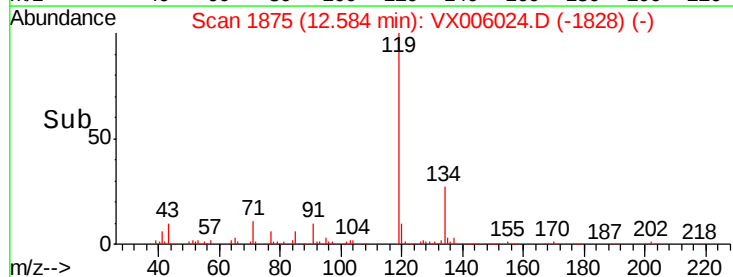
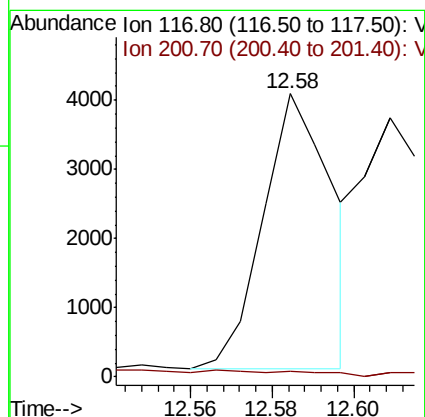
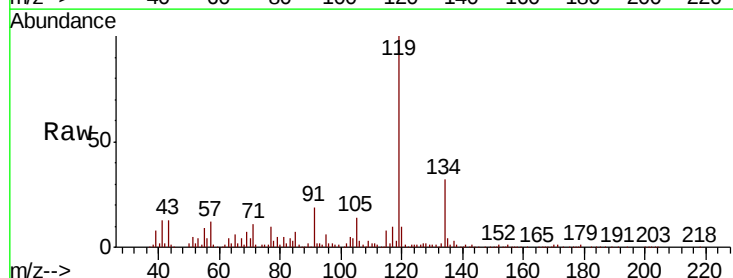
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)MEDL

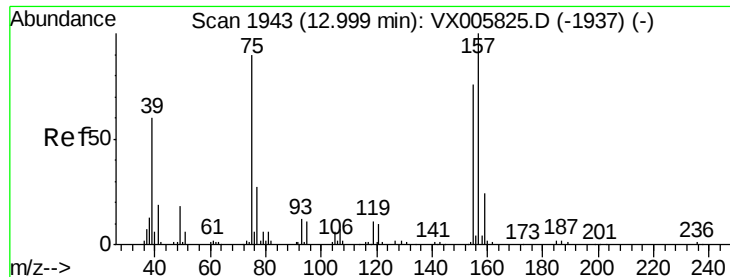
Tot Ion: 91 Resp: 28636
Ion Ratio Lower Upper
91 100
92 34.4 26.1 78.2
134 99.3 13.1 39.3#



#90
Hexachloroethane
Concen: 5.406 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX006024.D
Acq: 15 Nov 2018 17:07

Tgt Ion: 117 Resp: 4688
Ion Ratio Lower Upper
117 100
201 0.0 47.9 143.6#

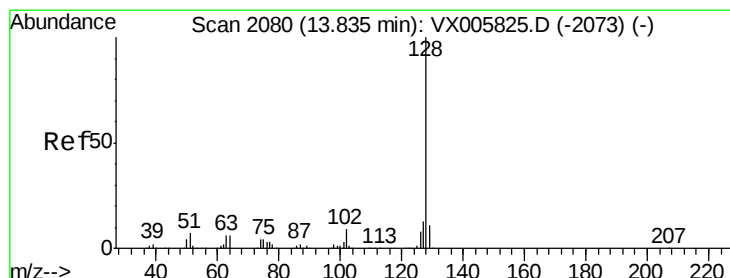
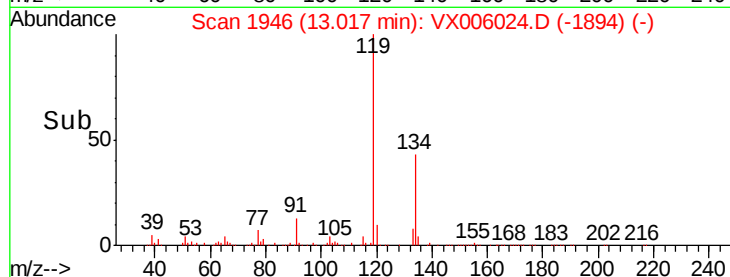
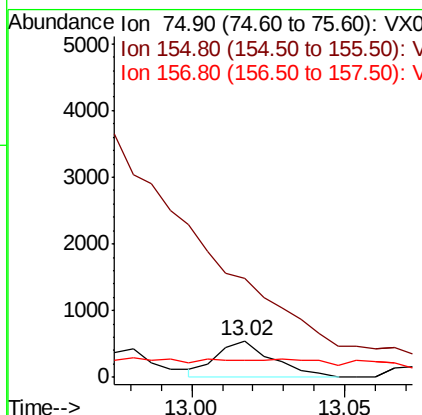
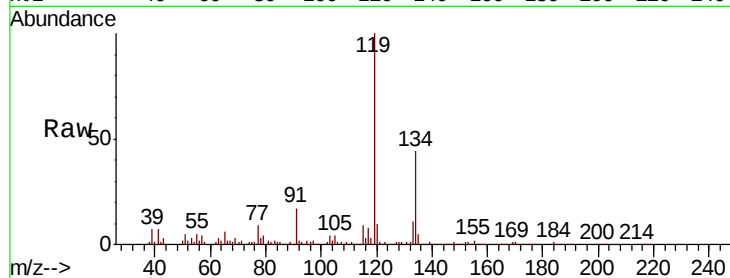




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.411 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX006024.D
 Acq: 15 Nov 2018 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-106(2-4)MEDL

Tot Ion: 75 Resp: 705
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.4 136.1#
 157 0.0 57.4 172.0#



#95
 Naphthalene
 Concen: 10.322 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX006024.D
 Acq: 15 Nov 2018 17:07

Tgt Ion: 128 Resp: 64984
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.4 15.6
 129 12.7 8.7 13.1

